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**EXHIBIT A**

PROPOSED RULES

DEPARTMENT OF HEALTH AND HUMAN SERVICES

21 CFR Part 333

[Docket No. 81N-0114]

Topical Acne Drug Products for Over-the-Counter Human Use; Tentative Final  
Monograph

Tuesday, January 15, 1985

\*2172 AGENCY: Food and Drug Administration.

ACTION: Notice of proposed rulemaking.

SUMMARY: The Food and Drug Administration (FDA) is issuing a notice of proposed rulemaking in the form of a tentative final monograph that would establish conditions under which over-the-counter (OTC) topical acne drug products are generally recognized as safe and effective and not misbranded. FDA is issuing this notice of proposed rulemaking after considering the report and recommendations of the Advisory Review Panel on OTC Antimicrobial (II) Drug Products and public comments on an advance notice of proposed rulemaking that was based on those recommendations. This proposal is part of the ongoing review of OTC drug products conducted by FDA.

DATES: Written comments, objections, or requests for oral hearing on the proposed regulation before the Commissioner of Food and Drugs by May 15, 1985. New data by January 15, 1986. Comments on the new data by March 17, 1986. These dates are consistent with the time periods specified in the agency's revised procedural regulations for reviewing and classifying OTC drugs (21 CFR 330.10).

ADDRESS: Written comments, objections, new data, or requests for oral hearing to the Dockets Management Branch (HFA-305), Food and Drug Administration, Rm. 4-62, 5600 Fishers Lane, Rockville, MD 20857.

FOR FURTHER INFORMATION CONTACT: William E. Gilbertson, Center for Drugs and Biologics (HFN-210), Food and Drug Administration, 5600 Fishers Lane, Rockville, MD 20857, 301-443-4960.

supplementary information: In the Federal Register of March 23, 1982 (47 FR 12430) FDA published, under § 330.10(a)(6) (21 CFR 330.10(a)(6)), an advance notice of proposed rulemaking to establish a monograph for OTC topical acne drug products, together with the recommendations of the Advisory Review Panel on OTC Antimicrobial (II) Drug Products, which was the advisory review panel responsible for evaluating data on the active ingredients in this drug class. Interested persons were invited to submit comments by June 21, 1982. Reply comments in response to comments filed in the initial comment period could be submitted by July 21, 1982.

In accordance with § 330.10(a)(10), the data and information considered by the Panel were put on public display in the Dockets Management Branch (HFA-305), Food and Drug Administration (address above), after deletion of a small amount of trade secret information. In response to the advance notice of proposed rulemaking, eight drug manufacturers, one drug manufacturer association, one consulting firm, three physicians, and one consumer submitted comments. Copies of the comments received are on public display in the Dockets Management Branch.

1935 WL 83812 (F.R.)

(Cite as: 50 FR 2172)

List of Subjects in 21 CFR Part 333

OTC drugs; Topical acne drug products.

Therefore, under the Federal Food, Drug, and Cosmetic Act (secs. 201(p), 502, 505, 701, 52 Stat. 1041-1042 as amended, 1050-1053 as amended, 1055-1056 as amended by 70 Stat. 919 and 72 Stat. 948 (21 U.S.C. 321(p), 352, 355, 371)) and the Administrative Procedure Act (secs. 4, 5, and 10, 60 Stat. 238 and 243 as amended (5 U.S.C. 553, 554, 702, 703, 704)) and under 21 CFR 5.11, it is proposed that Subchapter D of Chapter I of Title 21 of the Code of Federal Regulations be amended in Part 333 (which was proposed to be added in the Federal Register of January 6, 1978 (42 FR 1210)) by revising proposed Subpart D, to read as follows:

PART 333--TOPICAL ANTIMICROBIAL DRUG PRODUCTS FOR OVER-THE-COUNTER HUMAN USE

Subpart D--Topical Acne Drug Products

333.301 Scope.

333.303 Definitions.

333.310 Acne active ingredients.

333.320 Permitted combinations of active ingredients.

333.350 Labeling of acne drug products.

Authority: Secs. 201(p), 502, 505, 701, 52 Stat. 1041-1042 as amended, 1050-1053 as amended, 1055-1056 as amended by 70 Stat. 919 and 72 Stat. 948 (21 U.S.C. 321(p), 352, 355, 371); secs. 4, 5, and 10, 60 Stat. 238 and 243 as amended (5 U.S.C. 553, 554, 702, 703, 704).

Subpart D--Topical Acne Drug Products

§ 333.301 Scope.

(a) An over-the-counter acne drug product in a form suitable for topical administration is generally recognized as safe and effective and is not misbranded if it meets each of the conditions in this subpart and each general condition established in § 330.1.

(b) References in this subpart to regulatory sections of the Code of Federal Regulations are to Chapter I of Title 21 unless otherwise noted.

§ 333.303 Definitions.

As used in this subpart:

(a) Acne. An inflammatory skin disease involving the oil glands and hair follicles of the skin.

(b) Acne drug product. A drug product used to reduce the number of acne lesions.

(c) Blackhead. An acne lesion characterized by a black tip.

(d) Pimple. A small, prominent, inflamed elevation of the skin.

§ 333.310 Acne active ingredients.

1985 WL 83812 (F.R.)

(Cite as: 50 FR 2172)

The active ingredient of the product consists of any of the following when labeled according to § 333.350.

- (a) Benzoyl peroxide 2.5 to 10 percent.
- (b) Resorcinol 2 percent when combined in accordance with § 333.320(a).
- (c) Resorcinol monoacetate 3 percent when combined in accordance with § 333.320(b)
- (d) Salicylic acid 0.5 to 2 percent.
- (e) Sulfur 3 to 10 percent.
- (f) Sulfur 3 to 8 percent when combined in accordance with § 333.320.

§ 333.320 Permitted combinations of active ingredients.

(a) Resorcinol identified in § 333.310(b) when combined with sulfur identified in § 333.310(f) provided the product is labeled according to § 333.350.

(b) Resorcinol monoacetate identified in § 333.310(c) when combined with sulfur identified in § 333.310(f) provided the product is labeled according to § 333.350.

§ 333.350 Labeling of acne drug products.

(a) Statement of identity. The labeling of the product contains the established name of the drug, if any, and identifies the product as an "acne medication."

(b) Indications. The labeling of the product contains a statement of the indications under the heading "Indications" that is limited to the following:

(1) "For the" (select one of the following: "treatment" or "management") "of acne."

(2) Other allowable indications. In addition to the required indication identified in paragraph (b)(1) of this section, the labeling of the product may contain additional indication statements that are limited to one or more of the following:

(i) (Select one of the following: "Dries," "Dries up," "Dries and clears," "Clears," "Clears up," "Clears up most," "Helps clear," "Helps clear up," "Reduces the number of," or "Reduces the severity of") (select one or more of the following: "blackheads," "acne pimples," or "acne blemishes") which may be followed by "and allows skin to heal."

(ii) "Penetrates pores to" (select one of the following: "eliminate most," "control," "clear most," or "reduce the number of") (select one or both of the following: "blackheads" or "acne pimples").

(iii) "Helps keep skin clear and new acne pimples."

(iv) "Helps prevent new" (select one or more of the following: "blackheads," "acne pimples," or "acne blemishes") which may be followed by "from forming."

(v) "Helps prevent the development of new acne pimples."

(c) Warnings. The labeling of the product contains the following warnings under the heading "Warnings":

(1) For products containing any ingredient identified in § 333.310. (i) "For external use

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STATUS: Married.

GMC Registration No: 0521873.

QUALIFICATIONS: BSc (Hons) Physiol. London 1956.  
MBBS (Hons) London 1959.  
DTM&H England 1961.  
MRCP London 1964.  
FRCP London 1977.  
MRCPATH 1980.  
FRCPATH 1985.

PRESENT POSITION:

Emeritus Professor  
University of Wales College of Medicine  
Heath Park  
Cardiff

Medical Director, Cutest Systems Ltd  
214 Whitchurch Road  
Heath  
Cardiff CF14 3ND

Clinical Professor  
Department of Dermatology  
University of Miami School of Medicine  
Miami, Fl  
USA

EDUCATION:

St Marylebone Grammar School 1946-1953  
Guy's Hospital Medical School 1953-1958  
(Open Scholarship and State Scholarship 1953)

October - December 1958 House Physician, Guy's Hospital, London.

February - September 1959 House Surgeon, Guy's Surgical Unit at New Cross General Hospital.

September 1959 - March 1960 House Physician, Cuckfield General Hospital.

(b) Army Service

March 1960 National Service Medical Officer.

April 1960 Short Service Commission.

December 1960 Passed Junior Officer Course, appointed Trainee Specialist in Dermatology.

March 1961 Attended Course in Tropical Medicine, awarded DTM & H.

March 1961 - September 1963 Appointed to Medical Division, Queen Alexander Military Hospital.

September 1963 - June 1965 Appointed Specialist in Dermatology, British Military Hospital, Münster, W Germany.

(c) Experience subsequent to the Army

June 1965 - March 1967 Registrar in Dermatology, St George's Hospital, London.

March 1967-  
December 1968 Senior Registrar and Tutor, St John's Hospital for Diseases of the Skin, London.

December 1968-  
December 1969 Senior Resident in Dermatology, University of Miami, USA.

December 1969-  
July 1971 Senior Registrar and Tutor, St John's Hospital for Diseases of the Skin, London.

July 1971 Appointed as Research Fellow (Senior Lecturer), Institute of Dermatology, and Honorary Consultant Dermatologist at St John's Hospital for Diseases of the Skin, London.

October 1972 Appointed Consultant Dermatologist at St John's Hospital for Diseases of the Skin, London.

October 1973 Appointed Senior Lecturer in Dermatology, Department of Medicine, Welsh National School of Medicine, Cardiff (now University of Wales College of Medicine) and Honorary

October - November 1976 Visiting Professor at John Hopkins Hospital, Baltimore, USA.

March 1977 Appointed Reader in Dermatology, University of Wales College of Medicine, Cardiff.

December 1980 - 1998 Chair in Dermatology in the University of Wales College Of Medicine, Cardiff.

#### OTHER APPOINTMENTS AND AWARDS

October 1980 Awarded MRCPATH for published work.

April 1984 Dowling Oration Lecturer.

April 1985 Awarded FRCPATH.

May 1985 Parkes Weber Lecturer.

August 1985 Life President of The International Society of Bioengineering and the Skin.

October 1985 Literature Award (1984) of the Society of Cosmetic Chemists.

March 1987 Appointed Regional Consultant to the Department of Health & Social Security for War Pensions Cases in Wales.

November 1990 Appointed external examiner to the Royal College of Pathologists Diploma in Dermatopathology.

October 1992 - 1996 Appointed external examiner to the Queen's University of Belfast School of Pharmacy.

March 1993 Society Of Cosmetic Scientists Medal Lecturer.

February 1994 - 1997 Appointed Regional Representative for Wales 1994-1997, Executive Committee, British Association of Dermatologists .

June 1994 Elected President of The British Cosmetic Dermatology Group.

July 1994 - 1996 Chairman, Welsh Dermatological Sub-committee of the Welsh Medical Committee.

June 1995 Appointed Clinical Professor, Department of Dermatology and Cutaneous Surgery, University of Miami School of Medicine, USA.

June 1996 - 1998 Appointed Speciality Adviser to the Royal College of Physicians.

I am a member of the Medically Qualified Panel of Appeals  
Tribunals (Part Time) 2003-



i. I have organised or helped organise the following symposia and meetings:

A symposium on Mechanisms of Action of Topical Corticosteroids held in London in November 1974.

A symposium (sponsored by the European Society for Dermatological Research) on Dermatitis Herpetiformis, held in Lund, Sweden, with Professor Hans Rorsman, in January 1976.

A symposium on Methods for Measurement of Physical Properties of the Skin (with Professor Harvey Blank) held in Miami in 1976.

A symposium (European Society for Dermatological Research) on The Ichthyoses, held in Cardiff in January 1977.

A symposium entitled "The Epidermis in Disease" (with Professor E Christopher's) held in Cardiff in April 1979.

A symposium entitled "Bioengineering and the Skin" (with Professor P Payne) held in Cardiff in July 1979, followed by further meetings in Philadelphia (1981), Besançon (1983), San Francisco (1985), Liege (1986), Milwaukee (1988), and Stresa, Italy in 1990.

Investigative Techniques in Dermatology courses in alternate years since 1975, and a course entitled Histopathology of the Skin, with Dr Arthur Knight, in alternate years since 1978.

A symposium entitled 'The Stratum Corneum' (with Professor Gerd Plewig) held in Cardiff in October 1981.

A symposium entitled "Skin Models" (with Professor G Plewig) held in Cardiff in March 1984.

A three-day course and presentation of new data entitled "Physical Nature of the Skin", in November 1985.

A symposium entitled "Acne and Related Disorders" (with Professor G. Plewig) held in Cardiff in March 1988.

A symposium entitled "The Environmental Threat to the Skin" (with Professor G Plewig) held in Cardiff in April 1991.

A symposium entitled "Skin Therapy Forum — A Future Look" (with Dr W J Cunliffe) held in Cardiff in October 1992.

A symposium entitled "Skin Therapy Forum II - A Future Look" (with Dr W J Cunliffe) held in Cardiff in October 1994.

A symposium entitled '20th Anniversary of the International Society of Bioengineering and the Skin' held in Miami in February 1996.

A symposium entitled "Skin Therapy Forum III" (with Professor W J Cunliffe) held in Cardiff in October 1996.

A symposium entitled "Skin Therapy Forum IV" (with Professor W J Cunliffe) held in Cardiff in October 1998.

A symposium entitled "Skin Therapy Forum V" (with Professor W J Cunliffe) held in Leeds in September 2000.

A symposium entitled "Stratum Corneum III held in Basel 2003.

2. I was co-editor of the Journal of Dermatological Treatment from 1989 - 1997. I am a reviewer for the Journal of Investigative Dermatology, a member of the editorial boards of Epithelial Cell Biology, the European Journal of Pediatric Dermatology, and the Journal of Geriatric Dermatology, and a member of the International Advisory Board of Chronica Dermatologica. I was an assistant editor for the British Journal of Dermatology (1973 - 1985) and was managing editor of the Archives for Dermatological Research. I am on the editorial board of American Journal of Clinical Dermatology.

Fellow of the Royal College of Physicians.  
Fellow of the Royal College of Pathologists.  
Member of the St. John's Hospital Dermatological Society.  
Member of the British Association of Dermatologists.  
Member of the Royal Society of Medicine.  
Member of the Society of Cosmetic Chemists.  
Member of the European Society for Clinical Investigation.  
Member of "The Skin Club" (Secretary 1975-1979).  
Member of European Society for Dermatological Research (President) 1978-1979).  
Member of the Association of Physicians of Great Britain and Ireland.  
Corresponding member of the Swedish Dermatological Society.  
Corresponding member of the Israeli Dermatological Society  
Corresponding member of the Polish Association of Dermatology.  
Corresponding member of the Pacific Dermatologic Association.  
Corresponding member of the Italian Society of Dermatology.  
Corresponding member of the German Dermatological Society (Deutsche Dermatologische Gesellschaft).  
Life President of the International Society for Bioengineering and the Skin.  
Member of the American Academy of Dermatology.  
Member of the International Society of Dermatopathology.  
Member of the British Society for Investigative Dermatology.  
Member of the British Dermatological Surgery Group.  
Member of the Biological Engineering Society.  
Member of Advisory Board, International Society of Cosmetic Dermatology.  
Member of the Executive Board of the Skin Pharmacology Society.  
Member of the Chilean Dermatological Society.  
Member of the Korean Dermatological Society.  
Member of the Distinction Award Committee, Royal College of Physicians.  
Member of the Editorial Advisory Board of Reviews in Contemporary Pharmacotherapy.  
Member of the Editorial Advisory Board of the Skin Research & Technology Journal.  
Member of the Editorial Board of Current Medical Research & Opinion Journal.  
Member of the Editorial Board of Dermatology in Clinical Practice.  
Member of the Editorial Board of the American Journal of Clinical Dermatology.  
Member of the London Expert Witness Institute.  
Member of the Wales Medico-Legal Society.

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MARKS R, FUKUI K, HALPRIN K. The application of an in vitro technique to the study of epidermal replication and metabolism. *Br J Dermatol* 1971; 84: 453-460.

MARKS R, HALPRIN K, FUKUI K, GRAFF D. Topically applied triamcinolone and macromolecular synthesis of human epidermis. *J Invest Dermatol* 1971; 56: 470-473.

MARKS R. Epidermal cell movement after injury. *Proceedings: Symposium on the Healing of Wounds Birmingham* 1972: Ch 5: 22.

MARKS R, BHOGAL B, DAWBER RPR. The migratory property of epidermis in vitro. *Arch Dermatol Forschung* 1972; 243: 209-220.

MARKS R, BLACK MM. The epidermal component of pityriasis lichenoides. *Br J Dermatol* 1972; 87: 106-113.

COOMBS VA, NISSEN BK, MARKS R, MORRIS A. The influence of temperature on epidermal cell migration in vitro. *British Journal of Experimental Pathology* 1973; 54: 673-677.

DELANEY TJ, MARKS R. Congenital ichthyosiform erythroderma and lamellar ichthyosis: two patients contrasted. *Proceedings of the Royal Society of Medicine* 1973; 66: 1173-1175.

EADY R, MARKS R. Melanocyte changes in epidermal hyperplasia: An experimental study. *Br J Exp Pathol* 1973; 54: 678-683.

MARKS R, BLACK MM, WILSON-JONES E. Epidermal cell kinetics of lichen planus. *Br J Dermatol* 1973; 88: 37-45.

MARKS R, NISHIKAWA T. Active epidermal cell movement in vitro. *Br J Dermatol* 1973; 88: 245-248.

MARKS R, PONGSEHIRUN D, SAYLAN T. A method for the assay of topical corticosteroids. *Br J Dermatol* 1973; 88: 69-74.

MARKS R, WELLS GG. Lichen simplex: Morphodynamic correlates. *Br J Dermatol* 1973; 88: 249-255.

NISHIKAWA T, MARKS R. The effect of cytochalasin B on epidermal cell migration in vitro. *Br J Dermatol* 1973; 88: 469-474.

SCHELLANDER F, MARKS R. The epidermal response to subepidermal inflammation. An experimental study. *Br J Dermatol* 1973; 88: 363-367.

SCHELLANDER R, MARKS R. Uptake of tritiated thymidine by high level epidermal cells. *Acta Derm Venereol (Stockh)* 1973; 53: 31-34.

COOMBS VA, NISSEN BK, MARKS R. The epidermal cell migration promoting activity of serum in guinea pig skin in vitro. *Arch Dermatol Forschung* 1974; 249: 367-372.

MARKS R, BHOGAL B, WILSON L. The effect of betamethasone valerate on seborrhoeic dermatitis of the scalp. *Acta Dermato Venereologica* 1974; 54: 373-375.

MARKS R. Is there a relationship between clinical morphology and epidermal cell kinetics? Proceedings of the Royal Society of Medicine 1975: 68: 161-162.

MARKS R. Measurement of epidermal wound healing. Proceedings of a Conference, Surgical Dressings in the Hospital Environment, Cardiff, March 1975, ed by TD Turner and KR Brain: 181-200.

MARKS R, ABELL E, NISHIKAWA T. The junctional zone beneath migrating epidermis. Br J Dermatol 1975: 92: 311-319.

TREE S, MARKS R. An explanation for the "placebo" effect of bland ointment bases. Br J Dermatol 1975: 92: 195-198.

BENTLEY-PHILLIPS C, MARKS R. Cell division and metabolic activity of naevus cells. The relationships between anatomy and behaviour in moles. Br J Dermatol 1976: 94: 557-563.

DAVIES M, MARKS R. Studies on the effect of salicylic acid on normal skin. Br J Dermatol 1976: 95: 187-192.

HOLT PJA, MARKS R. Epidermal architecture, growth and metabolism in agromegaly. Br Med Journal 1976: 1: 496-497.

HOLT PJA, LAZURUS J, MARKS R. The epidermis in thyroid disease. Br J Dermatol 1976: 95: 513-518.

PICTON W, SIM AW, MARKS R. Methods for evaluating the effects of drugs on re-epithelialisation. International Symposium on Wound Healing, Rotterdam, 1976. Foundation International Co-operation in Medical Sciences.

SHAHRAH P, MARKS R. Hair follicle kinetics in psoriasis. Br J Dermatol 1976: 94: 7-12.

BENTLEY-PHILLIPS CB, PAULLI-JORGENSEN H, MARKS R. The effects of prostaglandins E1 and F2a on epidermal growth. Arch Dermatol Res 1977: 257: 233-237.

DAVIES MG, GORKIEWICZ A, KNIGHT A, MARKS R. Is there a relationship between lupus erythematosus and lichen planus? Br J Dermatol 1977: 96: 145-154.

DAVIES MG, MARKS R. Evolution of the lesions of discoid lupus erythematosus: A comparison with lichen planus. Br J Dermatol 1977: 97: 317-322.

FRANCIS AJ, MARKS R. Factors responsible for dermally induced epidermal hyperplasia. Arch Dermatol Res 1977: 258: 275-280.

FRANCIS AJ, MARKS R. Skin stretching and epidermopoiesis. Br J Exp Pathology 1977: 58: 35-39.

FRANCIS AJ, MARKS R. The effects of antiprostaglandin agents on epidermal proliferation induced by dermal inflammation. Br J Dermatol 1977: 97: 395-400.

MARKS R. Psoriasis - a disorder of mediator release. Polish J Dermatol 1977: 64: 159-163.

PEARSE AD, MARKS R. Actinic keratoses and the epidermis on which they arise. Br J Dermatol 1977: 96: 45-50.

SHAHRAD R, MARKS R. A pharmacological effect of oestrone on human epidermis. Br J Dermatol 1977: 97: 383-386.

BAYOUMI A-HM, GASKELL S, MARKS R. Development of a model for transepidermal elimination. Br J Dermatol 1978: 99: 611-620.

BULLOCK AM, MARKS R, ROBERTS RJ. The cellular kinetics of teleost fish epidermis. Mitotic activity of the normal epidermis in plaice. Journal of Zoology 1978: 184: 423-428.

DEVITT H, CLARK MA, MARKS R, PICTON W. A quantitative approach to epidermal wound healing: the effect of dexamethasone on regenerating epithelium. Br J Dermatol 1978: 98: 315-323.

DYKES PJ, MARKS R, SMITH P. Profile of epidermal metabolic activity in autosomal dominant ichthyosis and small bowel disorders. Br J Dermatol 1978: 98: 611-618.

HOLT PJA, DELFORNO C, MARKS R. Corticosteroid effect on epidermal cell size. Br J Dermatol 1978: 98: 619-623.

MARKS R. Epidermal activity in the involved and uninvolved skin of patients with psoriasis. Br J Dermatol 1978: 98: 399-404.

MARKS R, BAYOUMI A-HM. Disturbances in epidermal growth above dermal granulomata. Proceedings of the VIIIth ICS Conference, "Sarcoidosis", Cardiff 1978: 48-53.

MITRANI E, MARKS R. Towards characterization of epidermal cell migration promotion activity in serum. Br J Dermatol 1978: 99: 513-518.

BAYOUMI A-HM, MARKS R. Transepidermal elimination: studies with an animal model. Br J Exp Pathol 1980: 61: 560-566.

MARKS R. Is epidermal homeostasis a necessity? Comments on epidermal growth control. Br J Dermatol 1980: 103: 697-702.

MARKS R. Measurement of biological ageing in human epidermis. Br J Dermatol 1981, 104: 627-633.

MARKS R. Models for the study of wound healing. Japanese Dermatological Journal 1981: 91 (13): 1377-1379.

MARKS R. Transepidermal elimination. Japanese Dermatological Journal 1981: 91(13): 1692-1697.

DYKES PJ, JENNER LA, MARKS R. The effect of calcium on the initiation and growth of human epidermal cells. Arch Dermatol Res 1982: 273: 225-231.

MARKS R, DYKES PJ, TAN CY. Histamine and epidermal proliferation. Br J Dermatol 1982; 107: 15-20.

HASHIMOTO T, MARKS R. Factor XIII inhibits epidermal cell migration in vitro. J Invest Dermatol 1984; 83: 441-444.

HASHIMOTO T, DYKES PJ, MARKS R. Retinoid induced inhibition of growth and reduction of spreading of human epidermal cells in culture. Br J Dermatol 1985; 112: 637-646.

MARKS R. The use of models for the study of wound healing. In: An Environment for Healing: The Role of Occlusion. International Congress and Symposium Series No. 88, ed. by HJCJ L'Etang. Oxford University Press, Oxford 1985: 21-29.

WILLIAMS DL, DYKES PJ, MARKS R. Effects of a new hydrocolloid dressing on healing of full thickness wounds in normal volunteers. In: An Environment for Healing: The Role of Occlusion. International Congress and Symposium Series No. 88, ed. by HJCH L'Etang. Oxford University Press, Oxford. 1985: 77-83.

KONOHIANA I, HASHIMOTO T, DYKES PJ, MARKS R. Effects of all-trans retinoic acid on the morphology of human epidermal cells in vitro. Arch Dermatol Res 1987; 279: 459-464.

FEATHERSTONE J, DYKES PJ, MARKS R. The effect of platinum complexes on human skin cells in vivo and in vitro. Skin Pharmacol 1991; 4: 169-174.

VIJAYASINGHAM SM, DYKES PJ, MARKS R. Phenytoin has little effect on in-vitro models of wound healing. Br J Dermatol 1991; 125: 136-139.

FEATHERSTONE J, DYKES PJ, MARKS R. The growth of ichthyotic epidermal cells in a 3-dimensional reconstruction of human skin, the skin equivalent. Clinical & Experimental Derm 1995; 20: 313-318.



SAYLAN T, MARKS R, WILSON-JONES E. Fibrous papule of the nose. *Br J Dermatol* 1971; 85: 111-118.

SAYLAN T, MARKS R, WILSON-JONES E. Reactive nodular hyperplasia of hands and oral mucosa. *Dermatologica* 1971; 143: 368-375.

BLACK MM, MARKS R. The inflammatory reaction in pityriasis lichenoides. *Br J Dermatol* 1972; 87: 533-539.

SCHELLANDER R, MARKS R, WILSON-JONES E. Basal cell haematoma and cellular naevus: An unusual combined malformation. *Br J Dermatol* 1974; 90: 413-419.

ABELL E, MARKS R, WILSON-JONES E. Secondary syphilis: A clinico-pathological review. *Br J Dermatol* 1975; 93: 121-131.

WILSON-JONES E, MARKS R, PONGSEHIRUN D. Naevus superficialis lipomatusus. *Br J Dermatol* 1975; 93: 121-131.

SIM-DAVIES D, MARKS R, WILSON-JONES E. The inverted follicular keratosis. A surprising variant of seborrhoeic wart. *Acta Dermato Venereol (Stockh)* 1976; 56: 337-344.

DAVIES MG, MARKS R, DYKES PJ, REYNOLDS D. Epidermal abnormalities in Refsum's disease. *Br J Dermatol* 1977; 97: 401-406.

MACDONALD DM, WILSON-JONES E, MARKS R. Sclerosing epithelial hamartoma. *Clin & Exp Dermatol* 1977; 2: 153-156.

SHAHRAD P, MARKS R. The wages of warmth: Changes in erythema ab igne. *Br J Dermatol* 1977; 97: 179-186.

MARKS R, PEARSE AD, HOLT PJA, MITRANI E, NUKI G. Evidence for changes in antigenicity in premalignant lesions of the epidermis. *Les Colloques de l'Inserm* 1978; 80: 247-254.

PEARSE AD, MARKS R. A quantitative histochemical study of three oxidative enzymes in solar keratoses and Bowen's disease. *Histochemical Journal* 1978; 10: 621-356.

PEARSE AD, MARKS R. Changes in oxidase enzyme activities in premalignant conditions and ultraviolet light irradiated epidermis. In: *Quantitative Cytochemistry and its Application*, ed by JR Patteson, L Bitensky and J Chayen. Academic Press, 1978: 105-112.

PEARSE AD, MARKS R. Quantitative changes in respiratory enzyme activity in premalignant lesions and experimentally irradiated skin. *Bulletin du Cancer* 1978; 65: 351-356.

DAVIES MG, BARTON SP, ATAI F, MARKS R. The abnormal dermis in pyogenic granuloma: histochemical and ultrastructural observations. *J Am Acad Dermatol* 1980; 2 (2): 132-144.

MITRANI E, MARKS R. Procollagen localisation in normal, premalignant and malignant lesions of the epidermis. *Arch Dermatol Res* 1982; 274: 21-28.

Dermatol 1982; 79: 365-367.

PEARSE AD, MARKS R. Response of human skin to ultraviolet radiation; Dissociation of erythema and metabolic changes following sunscreen protection. *J Invest Dermatol* 1983; 80: 191-194.

ROBERTS GP, MARKS R. The distribution of precursors of glycoconjugate synthesis in human epidermis. *Arch Dermatol Res* 1983; 275: 199-201.

BARTON SP, MARKS R. Measurement of collagen fibre diameter. *J Cutaneous Pathology* 1984; 11: 18-26.

DALZIEL K, DYKES PJ, MARKS R. Inflammation due to intracutaneous implantation of human stratum corneum. *Br J Exp Pathology* 1984; 65: 107-117.

MARKS R, DALZIEL K, DYKES PJ. Inflammation caused by intracutaneous implantation of stratum corneum. *Br J Dermatol* 1984; 111 Suppl 27: 109-113.

AJJAM ZS, BARTON S, CORBETT M, OWENS D, MARKS R. Quantitative evaluation of the dermal vasculature of diabetics. *Quarterly Journal of Medicine* 1985; 54 (215): 229-239.

DALZIEL K, KINGSTON T, MARKS R. The effects of isotretinoin on the pathology of early acne papules. *Clin Exp Dermatol* 1985; 10: 365-370.

MARKS R, PEARSE AD, WALKER AP. The effects of a shampoo containing zinc pyrithione on the control of dandruff. *Br J Dermatol* 1985; 112: 415-422.

PEARSE AD, WALKER AP, MARKS R. The effect of zinc pyrithione (ZPT) on mitotic activity in normal human skin in vivo. *Arch Dermatol Res* 1985; 277: 118-120.

THOMAS SE, DYKES PJ, MARKS R. Plantar keratosis: a study of callosities and normal plantar skin. *J Invest Dermatol* 1985; 85: 394-397.

THOMAS SE, PEARSE AD, MARKS R. Transplantation of human malignant and premalignant lesions of epidermis to nude mice. *Eur J Cancer & Clin Oncology* 1985; 21 (9): 1093-1098.

DALZIEL K, MARKS R. Changes in elderly skin: discerning the malignant. *Geriatric Medicine* 1986; 16 (5): 63-65.

DALZIEL K, MARKS R. Hair follicle-like change over histiocytomas. *Am J Dermatopathology* 1986; 8 (6): 462-446.

PEARSE AD, GASKELL S, MARKS R. The effects of an aromatic retinoid (etretinate) on epidermal cell production and metabolism in normals and patients. *Br J Dermatol* 1986; 114: 285-294.

DALZIEL K, BARTON S, MARKS R. Effects of isotretinoin on follicular and sebaceous gland differentiation. *Br J Dermatol* 1987; 117: 317-323.

DALZIEL K, DYKES PJ, MARKS R. The effect of tetracycline and erythromycin in a model of acne-type inflammation. *Br J Exp Pathology* 1987; 68: 67-70.

PEARSE AD, GASKELL SA, MARKS R. Epidermal change in human skin following irradiation with either UVB or UVA. *J Invest Dermatol* 1987; 88 (1): 83-87.

KUMAR P, BARTON SP, MARKS R. Tissue measurements in senile sebaceous gland hyperplasia. *Br J Dermatol* 1988; 118: 397-402.

LEVER I, MARKS R. The significance of the Darier-like solar keratosis and acantholytic change in preneoplastic lesions of the epidermis. *Br J Dermatol* 1989; 120: 383-389.

MARKS R, MOURAD MM. Quantitative histological evaluation in the gravitational syndrome. *Care - Science and Practice (Journal of the Society for Tissue Viability)* 1989; 7 (2): 39-46.

MOURAD MM, BARTON SP, MARKS R. Changes in endothelial cell mass, luminal volume and capillary number in the gravitational syndrome. *Br J Dermatol* 1989; 121: 447-461.

DYKES PJ, THOMAS R, LEVER I, MARKS R. The pharmacokinetics of topically applied terbinafine: results from studies in healthy volunteer subjects and patients with pityriasis versicolor. *J Dermatol Treat* 1990; 1 Suppl 2: 19-21.

MARKS R, HILL S, BARTON SP. The effects of an abrasive agent on normal skin and on photoaged skin in comparison with topical tretinoin. *Br J Dermatol* 1990; 123: 457-466.

MOURAD MM, GIDDINGS J, MARKS R, BARTON SP, BAVERSTOCK J. An immunometric assay for von Willebrand factor antigen to assess angiogenesis. *Br J Dermatol* 1990; 123: 21-28.

DYKES PJ, EDWARDS MJ, O'DONOVAN MR, MERRETT V, MORGAN HE, MARKS R. In vitro reconstruction of human skin: the use of skin equivalents as potential indicators of cutaneous toxicity. *Toxicology In Vitro* 1991; 5 (1): 1-8.

SAMDANI AJ, DYKES PJ, MARKS R. The effects of dermatophyte species and density of infection on the pathology of ringworm. *J Medical & Veterinary Mycology* 1991; 29: 279-281.

SHALL L, MARKS R. Stucco keratoses: a clinico-pathological study. *Acta Derm Venereol (Stockh)* 1991; 71: 258-261.

BARTON SP, PEARSE AD, MARKS R. Derivation of a dysplasia index for epidermal neoplasia. *Dermatol* 1992; 185: 190-195.

BARTON SP, ABDULLAH MS, MARKS R. Quantification of microvascular changes in the skin in patients with psoriasis. *Br J Dermatol* 1992; 126: 569-574.

BENTLEY-PHILLIPS CB, MARKS R. The epidermal component of melanocytic naevi. *J Cutaneous Pathology* 1976; 3: 190-194.

ELSAYED-ALI H, BARTON S, MARKS R. Stereological studies of desmosomes in ichthyosis vulgaris. *Br J Dermatol* 1992; 126: 24-28.

TAKAHASHI S, PEARSE AD, MARKS R. The acute effects of ultraviolet-B radiation on c-myc and C-Ha ras expression in normal human epidermis. *J Dermatol Sc* 1993; 6: 165-171.

ANSTEY A, MARKS R, LONG CC, NAVAB H, PEARSE AD, WYNFORD-THOMAS D, JASANI B. In vivo photoinduction of metallothionein in human skin by ultraviolet irradiation. *Journal of Pathology* 1996, 178: 84-88.

MARKS R. The pathology of chronic solar damage and the effects of topical tretinoin.. *J Derm Treat* 1996, 7: (suppl 2) S13-S17.

LONG C C, TURNER R J, MARKS R. Actinic keratoses: the bald facts. *Arch Dermatol* 1996, 132: 1132-1133.

JONES D O, WATTS C E, MILLS C M, SHARPE G, MARKS R, BOWDEN P E. A new keratin 2e mutation in ichthyosis bullosa of siemens. *J Invest Dermatol* 1997, 108(3): 354-356.

YASUTOMO NISHIMORI Y, EDWARDS C, PEARSE A, MATSUMOTO K, KAWAI M, MARKS R. Degenerative alterations of dermal collagen fiber bundles in photodamaged human skin and UV-irradiated hairless mouse skin : possible effect on decreasing skin mechanical properties and appearance of wrinkles. *The Society for Investigative Dermatology* 2001 117 1458-63

horny layer. Br J Dermatol 1978; 84: 117-123.

DAWBER RPR, MARKS R, SWIFT JA. Scanning electron microscopy of the stratum corneum. Br J Dermatol 1972; 85: 272-281.

MARKS R. Histochemical applications of skin surface biopsy. Br J Dermatol 1972; 86: 20-26.

MARKS R, DAWBER RPR. In situ microbiology of the stratum corneum. Arch Dermatol 1972; 105: 216-221.

MARKS R, RAMMARAIN N, BHOGAL B, MOORE N. The erythrasma micro-organism in situ: Studies using the skin surface biopsy technique. Br J Clin Pathology 1972; 25: 799-803.

MARKS R, SAYLAN R. The surface structure of the stratum corneum. Acta Derm Venereol 1972; 52: 119-125.

GRIFFITHS WAD, MARKS R. The significance of surface changes in parakeratotic horn. J Invest Dermatol 1973; 61: 251-254.

MARKS R, PEARSE AD. Surfometry: A method of evaluating the internal structure of the stratum corneum. Br J Dermatol 1975; 92: 651-657.

DYKES PJ, MARKS R. Acquired ichthyosis: Multiple causes for an acquired generalised disturbance in desquamation. Br J Dermatol 1977; 97: 327-334.

KING CS, MOORE N, MARKS R, NICHOLLS S. Preliminary studies into percorneal penetration and elemental content of the stratum corneum using x-ray microanalysis. Arch Dermatol Res 1978; 263: 257-265.

MARKS R. Techniques for the evaluation of emollients and keratolytics. J Soc Cosm Chem 1978; 29: 433-440.

NICHOLLS S, KING CS, MARKS R. Short term effects of emollients and a bath oil on the stratum corneum. J Soc Cosmet Chem 1978; 29: 617-624.

BARTON SP, KING CS, MARKS R, NICHOLLS S. A technique for studying the structural detail of isolated corneocytes. Br J Dermatol 1979; 102: 63-73.

KING CS, BARTON SP, NICHOLLS S, MARKS R. The change in properties of the stratum corneum as a function of depth. Br J Dermatol 1979; 100: 165-172.

KING CS, NICHOLLS S, BARTON S, MARKS R. Is the stratum corneum of uninvolved psoriatic skin abnormal? Acta Derm Venereol 1979; 47: 95-100.

MARKS R, BARTON SP, KING CS, NICHOLLS S. Formation of the horny layer in psoriasis. Acta Derm Venereol (Stockh) 1979; S87: 77-83.

ROBERTS D, MARKS R. Determination of regional and age variations in the rate of desquamation. A comparison of four techniques. J Invest Dermatol 1979; 74: 13-16.

BARTON SP, MARKS R. Changes in suspensions of human keratinocytes due to Trypsin. Arch Dermatol Res 1981; 271: 245-257.

MARKS R. Studies on the physiology and pharmacology of the stratum corneum. Japanese Dermatol Journal 1981; 91 (13): 1545-1547.

MARKS R, NICHOLLS SC. Drugs which influence the stratum corneum and techniques for their evaluation. Clin & Exp Dermatol 1981; 6: 419-427.

MARKS R, NICHOLLS S, KING CS. Studies on isolated corneocytes. Int J Cosmet Sci 1981; 3: 251-258.

DYKES PJ, WILLIAMS DL MARKS R. Non identity of non-ionic detergent soluble (NIDS) protein and stratum corneum autoantigens. Arch Dermatol Res 1983; 275: 239-241.

MARKS R, BARTON S, MARSHALL R. Aspects of the physiology and pathophysiology of desquamation. In: Normal and Abnormal Epidermal Differentiation, ed by Makoto Seiji and IA Bernstein, University of Tokyo Press, 1983; 195-205.

DYKES PJ, WILLIAMS DL, JENNER LA, MARKS R. Assessment of the skin irritancy potential of synthetic detergents (syndets). ATLA (Alternatives to Laboratory Animals) 1984; 12: 25-32.

DYKES PJ, WILLIAMS DL, MARKS R. Analysis of the nonionic detergent soluble (NIDS) lipids of human stratum corneum. Br J Dermatol 1984; 110: 283-292.

MARKS R, BLACK D, HAMAMI I, CAUNT A, MARSHALL RJ. A simplified method for measurement of desquamation using dansyl chloride fluorescence. Br J Dermatol 1984; 111: 265-270.

MARKS R. Clinical methods of measuring scaling and desquamation. Bioengineering & The Skin Journal 1987; 3(4): 319-333.

MARKS R, MARKS HV, BLACK D, BARTON SP. Abnormalities of the stratum corneum in the ichthyotic disorders. Paediatric Dermatol News 1988; 7: 22-31.

MARKS R, MARKS HV, BLACK D, BARTON SP. Abnormalities of the stratum corneum in the ichthyotic disorders. Paediatric Dermatol News 1988; 7: 22-31.

MARKS R, EDWARDS C, BLACK D. Non-invasive assessment of stratum corneum structure and function. Int J Cosmet Sci 1989; 11: 59-69.

MARKS R, DYKES PJ. The effects of the detergent action of cleansing agents on the skin. Wiener Medizinische Wochenschrift 1990 (Sept); Suppl 108: 16-18.

LONG CC, MARKS R. Stratum corneum changes in patients with senile pruritus. J Am Acad Dermatol 1992; 27: 560-564.

DYKES PJ, BLACK DR, YORK M, DICKENS AD & MARKS R. A stepwise procedure for evaluating irritant or corrosive materials in volunteer subjects. Human & Experimental Toxicol 1995, 14: 204-211.

FEATHERSTONE J, DYKES TJ, MARKS R. The growth of ichthyotic epidermal cells in a 3-dimensional reconstruction of human skin, the skin equivalent. Clin & Exp Dermatol 1995; 20:

MARKS R. The significance and measurement of scaling. J Dermatol (1999), 26(11): 713-717.

MARKS R. Seeing through the stratum corneum. Keio J Med 2000, 49 (2): 80-83.

FITZGEORGE D, KING MP, MARKS R. An instrument for measuring intracorneal adhesion of the stratum corneum in human skin. *Engineering in Medicine* 1976; Vol 5, No 4.

MARKS R, NICHOLLS S, FITZGEORGE D. Measurement of intracorneal cohesion in man using in vivo techniques. *J Invest Dermatol* 1977; 69: 299-302.

NICHOLLS S, MARKS R. Novel techniques for the estimation of intracorneal cohesion in vivo. *Br J Dermatol* 1977; 96: 595-602.

MARKS R, KING CS, NICHOLLS S. Are measurements of physical properties of the skin useful? *Revue de L'Institut Pasteur de Lyon* 1978; 11: 225-238.

MARSHALL RJ, MARKS R. Examination of skin surface roughness with a macrophotographic scanning densitometric technique. *Bioengineering and the Skin* 1981; 3 (2): 153-154.

NICHOLLS S, HENDLEY A, MARKS R. Is there a relationship between stratum corneum breaking load in vitro and intracorneal cohesion in vivo? *Bioengineering and the Skin* 1981; 3 (2): 121-122.

PAYNE PA, MARKS R, GUIBARRA EJ. International standards for instruments, measurement methods and units for determination of physical properties and function of skin. In: *Bioengineering and the Skin*, ed. by R Marks and PA Payne. MTP Press Ltd, Lancaster; 1981: 9-11.

TAN CY, MARKS R, PAYNE P. Comparison of xeroradiographic and ultrasound detection of corticosteroid induced dermal thinning. *J Invest Dermatol* 1981; 76: 126-128.

TAN CY, PAYNE PA, STATHAM B, MARKS R. Reproducibility, validation and variability of dermal thickness measurement by pulsed ultrasound. *Bioengineering and the Skin* 1981; 3 (2): 151-152.

TAN CY, STATHAM B, ROBERTS E, MARKS R. Reproducibility and validation of dermal thickness measurement by high frequency pulsed ultrasound. *Bioengineering and the Skin* 1981; 3 (1): 50-52.

FINLAY AY, MARSHALL RJ, MARKS R. A fluorescence photographic photometric technique to assess stratum corneum turnover rate and barrier function in vivo. *Br J Dermatol* 1982; 107: 35-42.

HENDLEY A, MARKS R, PAYNE PA. Measurement of forces for point indentation of the stratum corneum in vivo: the influence of age, sex, site, delipidisation and hydration. *Bioengineering and the Skin* 1982; 3 (3): 234-240.

MARSHALL RJ, MARKS R. A photographic method for the measurement of skin surface textures. *Bioengineering and the Skin* 1982; 4 (1): 7-15.

TAN CY, STATHAM B, MARKS R, PAYNE PA. Skin thickness measurement by pulsed ultrasound: its reproducibility, validation and variability. *Br J Dermatol* 1982; 106: 657-667.

MARKS R. Techniques for measuring mechanical properties of skin. *J Soc Cosmet Chem* 1983; 34: 429-437.

MARSHALL RJ, MARKS R. Assessment of skin surface by scanning densitometry of macrophotographs. *Clin & Exp Dermatol* 1983; 8: 121-127.



MARKS R, BLACK D. Methodologies to produce and assess standardised trauma to the skin. *Am J Ind Med* 1985; 8: 491-498.

EDWARDS C, MARKS R, SHALL L, BLACK D, CAUNT A. A new integrated automatic dermographometer to monitor skin reactivity to linear trauma. *Bioengineering and The Skin* 1986; 2: 191-201.

MARSHALL RJ, MARKS R, CORBETT MF. Diagnostic discriminants in scaling dermatoses using data from scanning microdensitometry of macronegatives of skin. *Bioengineering & The Skin Journal* 1986; 2 (2): 249-260.

TAKAHASHI M, MARKS R. Conformational and functional changes in the stratum corneum after forced extension. *Bioengineering and The Skin* 1986; 2 (1) 39-48.

BARTON SP, MARSHALL RJ, MARKS R. A novel method for assessing skin surface topography. *Bioengineering and the Skin* 1987; 3: 93-107.

HUGHES BR, BLACK D, SRIVASTAVA A, DALZIEL K, MARKS R. Comparison of techniques for the non-invasive assessment of skin tumours. *Clin & Exp Dermatol* 1987; 12: 108-111.

SHALL L, MARKS R. Noninvasive instrumental techniques to detect Terfenadine and Temelastine induced suppression of histamine weals in man. *Br J Clin Pharmacol* 1987; 24: 409-413.

TAKAHASHI M, BLACK D, HUGHES BR, MARKS R. Exploration of a quantitative dansyl chloride technique for measurement of the rate of desquamation. *Clin & Exp Dermatol* 1987; 12: 246-249.

TAKAHASHI M, MACHIDA Y, MARKS R. A new apparatus to measure rate of desquamation using dansyl chloride fluorescence. *Arch Dermatol Res* 1987; 279: 282.

BARTON SP, MARKS R. Image analysis as a tool for measuring biological phenomena of the skin. *Int J Cosmet Sci* 1988; 10: 137-144.

BLACK D, VORA J, HAYWOOD M, MARKS R. Measurement of subcutaneous fat thickness with high frequency pulsed ultrasound. Comparisons with a caliper and a radiographic technique. *Clin Physical Physiological Measurement* 1988; 9 (1): 57-64.

MARKS R. Update on bioengineering and the skin. *J Japanese Cosmet Sci Soc* 1988; 12 (4): 286-291.

SHALL L, NEWCOMBE RG, MARKS R. Assessment of the duration of action of Terfenadine on histamine induced weals. *Br J Dermatol* 1988; 119: 525-531.

EDWARDS C, AL-ABOOSI MM, MARKS R. The use of A-scan ultrasound in the diagnosis and measurement of small skin tumours. *Br J Dermatol* 1989; 121: 297-304.

MARKS R, EDWARDS C, BLACK D. Non invasive assessment of stratum corneum structure and function. *Int J Cosmet Sci* 1989; 11: 59-65.

MARKS R. Methods for the assessment of the effects of topical retinoic acid in photoaging and solar keratoses. *J Int Med Res* 1990; 18 Suppl 3: 29c-34c.

in human skin. Int J Soc Cosme ti 1990; 12: 63-70.

MARKS R, EDWARDS C. The measurement of photodamage. Br J Dermatol 1992; 127 Suppl 41: 7-13.

EDWARDS C, MARKS R. Evaluation of biomechanical properties of human skin. Clinics In Dermatology 1995, 13: 375-380.

LU H, EDWARDS C, GASKELL S, PEARSE A & MARKS R. Melanin content and distribution in the surface corneocyte with skin phototypes. Br J Dermatol 1996; 135: 263-267.

TANAKA M, GASKELL S, EDWARDS C, MARKS R. Simple horizontal averaging programme enables shade correction for image analysis in psoriasis. Clin & Exp Dermatol 2000, 25: 323-326.

M B QUAN, C EDWARDS & R MARKS Non invasive in vivo techniques to differentiate photodamage and ageing in human skin. Acta Derm Venerol (Stockh) 1997; 77:416-19

dermis. Br J Dermatol 1970; 82: 593-599.

MARKS R, BHOGAL B. Scanning electron microscopy of the normal epidermis and epidermis in vitro. Br J Dermatol 1973; 89: 387-395.

PEARSE AD, MARKS R. Measurement of section thickness in quantitative microscopy with special reference to enzyme histochemistry. J Clin Pathology 1974; 27: 615-618.

ABELL E, PRESBURY DGC, MARKS R, RAMNARAIN D. The diagnostic significance of immunoglobulin and fibrin deposition in lichen planus. Br J Dermatol 1975; 93: 17-24.

MARKS R, DYKES PJ, ROBERTS E. The measurement of corticosteroid induced dermal atrophy by the radiological method. Arch Dermatol Res 1975; 253: 93-96.

DYKES PJ, FRANCIS AJ, MARKS R. Measurement of dermal thickness with the Harpenden skinfold calipers. Arch Dermatol Res 1976; 256: 261-263.

MARKS R. Methods for the assessment of skin atrophogenicity of topical corticosteroids. Dermatologica 1976; 152 Suppl 1: 117-126.

PEARSE AD, MARKS R. Further studies on section thickness measurement. Histochemical Journal 1976; 8: 383-386.

DYKES PJ, MARKS R. Measurement of skin thickness: a comparison of two in vivo techniques with a conventional histometric method. J Invest Dermatol 1977; 69: 275-278.

DAVIES MG, MARKS R, HORTON J, STORARI F. The efficacy of histamine antagonists as antipruritics in experimentally induced pruritus. Arch Dermatol Res 1979; 266: 117-120.

DYKES PJ, MARKS R. An appraisal of the methods used in the assessment of atrophy from topical corticosteroids. Br J Dermatol 1979; 101: 599-609.

FINLAY AY, MARKS R. A history questionnaire for dermatology out-patients. Br J Dermatol 1979; 100: 257-266.

MITRANI E, MARKS R. Procollagen synthesized by newborn rat skin in culture. Br J Exp Pathology 1979; 60: 76-84.

HARPER PS, MARKS R, DYKES PJ, YOUNG ID. Ichthyosis, hepatosplenomegaly and cerebellar degeneration in a sibship. J Med Genetics 1980; 17: 111-115.

DYKES PJ, MARKS R. The effect of serum calcium levels on the rate of epidermal renewal in the rat. Br J Dermatol 1984; 111: 191-196.

BARTON SP, BLACK DR, GASKELL SA, MARKS R, SATHYANARAYANA JR, PATERSON I. Detection of the effects of low dose ionising irradiation on epidermal function. Br J Radiology 1985; 58: 73-76.

ALDER JF, BATOREU MCC, PEARSE AD, MARKS R. Depth concentration profiles obtained by carbon furnace atomic absorption spectroscopy for nickel and aluminium in human skin. *J Analytical Atomic Spectroscopy* 1986; 1: 365-367.

BARTON SP, MARKS R, PATERSON I, THOMAS G, CHARLES MW, WELLS J. Non invasive dosimetry of the skin. In: *Radiation damage to skin. British Journal of Radiology* 1986; Suppl 19: 88-91.

DYKES PJ, MARKS R, TAUBER U. The retention of isoconazole in the skin after once or twice daily applications of Travogen cream over a 14 day period. *Clin & Exp Dermatol* 1986; 11 (4): 365-370.

MARKS R, PEARSE AD, BLACK D, HILL S. Techniques for assessing the activity of topically applied retinoids. *J Am Acad Dermatol* 1986; 15 (4, Pt 2): 810-816.

MARKS R, BERTH-JONES J, BLACK DR, GASKELL SA. The effects of photoaging and intrinsic aging on epidermal structure and function. *Giornale Italiano di Chirurgia Dermatologica ed Oncologia* 1987; 2 (3-4): 252-263.

HAMAMI I, MARKS R. Structural determinants of the response of the skin to irritants. *Contact Dermatitis* 1988; 18: 71-75.

MOURAD MM, EDWARDS C, MARKS R. Skin extensibility in the gravitational syndrome. *Bioengineering and the Skin Journal* 1988; 4 (3): 199-215.

SHUTTLEWORTH D, MARKS R, HILL S, CONOLLY D. Relief of experimentally induced pruritus with a novel preparation of local anaesthetics (EMLA). *Br J Dermatol* 1988; 119: 535-540.

HARVEY I, FRANKEL SJ, SHALOM D, MARKS R. Non melanoma skin cancer: Questions concerning its distribution and natural history. *Br Med Journal* 1989; 299: 1118-1120.

MARKS R, DYKES PJ, HAMAMI I. Two novel techniques for the evaluation of barrier creams. *Br J Dermatol* 1989; 120: 655-660.

DYKES PJ, BRUNT J, MARKS R. The effect of cyclosporin on human epidermal keratinocytes in vivo. *Br J Dermatol* 1990; 122: 173-180.

EDWARDS MJ, DYKES PJ, O'DONOVAN MR, MERRETT VR, MORGAN HE, MARKS R. Induction of heat shock proteins as a measure of chemical cytotoxicity. *Toxicology In Vitro* 1990; 4: 270-276.

EUN HC, MARKS R. Dose response relationships for topically applied antigens. *Br J Dermatol* 1990; 122: 491-499.

HADGRAFT J, HILL S, HUMPEL M, JOHNSTON LR, LEVER L, MARKS R, MURPHY TM, RAPIER C. Investigations on the percutaneous absorption of the antidepressant rolipram in vitro and in vivo. *Pharm Res* 1990; Dec 7 (12): 1307-12.

MARKS R. Methods for the assessment of cutaneous aging. *Int J Cosmet Sci* 1990; 12: 153-160.

MOURAD MM, MARKS R. Assessment of disease severity and outcome in the gravitational syndrome using pulsed A-scan ultrasound to measure skin thickness. Clin & Exp Dermatol 1990; 15: 200-205.

NAZMI MN, DYKES PJ, MARKS R. Epidermal growth factor receptors in human epidermal tumours. Br J Dermatol 1990; 123: 153-161.

DYKES PJ, HILL S, MARKS R. The effect of area of application on the intensity of response to a cutaneous irritant. Br J Dermatol 1991; 125: 330-334.

LEVER L, MARKS R. Topical retinoid treatment for skin cancer: A review. Skin Pharmacol 1991; 4: 125-131.

LEVER LR, HILL S, DYKES PJ, MARKS R. Efficacy of topical Dimetindene in experimentally induced pruritus and weal and flare reactions. Skin Pharmacology 1991; 4: 109-112.

SMALL L, NEWCOMBE RG, LUSH M, MARKS R. Dose-response relationship between objective measures of histamine-induced weals and dose of terfenadine. Acta Derm Venereol (Stockh) 1991; 71: 199-204.

LEVER LR, HILL S, MARKS R, ROSENBERG R, THOMPSON D. Effects of Cetirizine, Loratadine and Terfenadine on histamine weal and flare reactions. Skin Pharmacol 1992; 5: 29-33.

MARKS R. Aspects of the pharmacology of eczema. J Derm Treat 1992; 3: (Suppl 2) 9-12.

GRAVES CJ, EDWARDS C, MARKS R. Four-channel ambulatory monitoring system for percussive mechanical trauma to industrial workers' hands. Med & Biol Eng & Comput 1993; 31: 523-528.

MILLS CM, HILL SA, MARKS R. Altered inflammatory responses in smokers. Br Med Journal 1993; 307: 911.

TAKAHASHI S, PEARSE AD, MARKS R. The acute effects of ultraviolet-B radiation on c-myc and c-Ha ras expression in normal human epidermis. J Dermatol Sci 1993; 6: 165-171.

MARKS R, DYKES PJ. Plasma and cutaneous drug levels after topical application of Piroxicam gel: a study in healthy volunteers. Skin Pharmacol 1994; 7: 340-344.

TAKAHASHI S, PEARSE AD, MARKS R. Expression of c-fos proto-oncogene in non-melanoma skin cancer. J Dermatol Sci 1994; 7: 54-62.

WONG SS, EDWARDS C, MARKS R. A study of white dermographism in atopic dermatitis. J Dermatol Sci 1996; 11: 148-153.

LONG CC, MARKS R. The response to ultraviolet radiation and delayed hypersensitivity in Celts with skin cancer. J Eur Acad Derm & Venereol 1996; 6: 20-26.

THOMAS RC, EDWARDS MJ, MARKS R. Translocation of the retinoblastoma gene product during mitosis. Experimental Cell Research 1996; 223: 227 - 232.

Cancer 1996; 74: 1302-1307.

HARVEY I, FRANKEL S, MARKS R, SHALOM D, NOLAN-FARRELL M. Non melanoma skin cancer and solar keratoses. 2. Analytical results of the South Wales skin cancer study. Br J Cancer 1996; 74: 1308-1312.

MARKS R. Retinoids for the future. (Guest Editor), . Brit J Dermatol 1996, 135: (suppl 49).

MARKS R. Early clinical development of Tazarotene. Brit J Dermatol 1996, 135: (suppl 49) 26-31.

DYKES P, HILL S, MARKS R. Pharmacokinetics of topically applied metronidazole in two different formulations. Skin Pharmacol 1997; 10: 28-33.

MILLS C M, HILL S A, MARKS R. Transdermal nicotine suppresses cutaneous inflammation. Arch Dermatol 1997, 133: 823-825.

HARVEY I, FRANKEL S, MARKS R, SHALOM D, MORGAN M. Foot morbidity and exposure to chiropody : population based study. Br Med J 1997, 315: 1054-1055.

MARKS R. Clinical safety of tazarotene in the treatment of plaque psoriasis. J Am Acad Dermatol 1997, 37(2): part 3, S25 - S32.

MARKS R. Safety of the topical retinoid tazarotene in the treatment of plaque psoriasis. Les Nouvelles Dermatologiques 1998, 1: S13-S20.

CHOWDHURY M, MARKS R. Tazarotene: a new topical treatment for psoriasis. Prescriber 1998, 9(11) 33-36.

MARKS R. Retinoids and their use in the treatment of psoriasis. Targetting Psoriasis (Allergan Healthcare Series) 1998. (Pubs: Strategic Medical Publishing Ltd, Surrey).

EDWARDS C, GASKELL S, HILL S, HEGGIE R, PEARSE A, MARKS R. Effects on human epidermis of chronic suberythematous exposure to pure infrared radiation. Arch Dermatol Res 1999; 135: 608-609.

MARKS R, BLARD RJ, CLARKE JML, KWOK K. Gastrointestinal observations in rosacea. *Lancet* 1967; i: 739-743.

HJORTH N, OSMUNDSEN PM, ROOK AJ, WILKINSON DS, MARKS R. Perioral dermatitis. *Br J Dermatol* 1968; 80: 307-313.

MARKS R. Concepts in the pathogenesis of rosacea. *Br J Dermatol* 1968; 80: 170-177.

MARKS R, DAVIES MG. The distribution in the skin of systemically administered tetracycline. *Br J Dermatol* 1969; 81: 448-451.

MARKS R, HARCOURT-WEBSTER JN. Histopathology of rosacea. *Arch Dermatol* 1969; 100: 683-692.

MARKS R, WILSON-JONES E. Disseminated rosacea. *Br J Dermatol* 1969; 81: 16-28.

MARKS R, BLACK MM. Perioral dermatitis. A histopathological study of 26 cases. *Br J Dermatol* 1971; 84: 242-247.

MARKS R, ELLIS J. Comparative effectiveness of tetracycline and ampicillin in rosacea. *Lancet* 1971; ii: 1049-1052.

SAVIN JA, ALEXANDER S, MARKS R. A rosacea-like eruption in children. *Br J Dermatol* 1972; 87: 425-429.

MARKS R. Histogenesis of the inflammatory component of rosacea. *Proc Royal Soc Med* 1973; 66: 742-745.

ABELL E, BLACK MM, MARKS R. Immunoglobulin and complement deposits in the skin in inflammatory facial dermatoses. An immunofluorescence study. *Br J Dermatol* 1974; 91: 281-286.

MANNA VK, MARKS R, HOLT PJA. Involvement of immune mechanism in the pathogenesis of rosacea. *Br J Dermatol* 1982; 107: 203-208.

MARKS R. Dermatitis herpetiformis and the gastrointestinal tract. Transactions of St John's Hospital Dermatol Soc 1968; 54 (2): 141-147.

MARKS R, WHITTLE MW, BEARD RJ, ROBERTSON WB, GOLD SC. Small bowel abnormalities in dermatitis herpetiformis. Br Med Journal 1968; 1: 552-555.

MARKS R, WHITTLE MW. Results of treatment of dermatitis herpetiformis with a gluten-free diet after one year. Br Med Journal 1969; 4: 772-775.

CONNOR BL, MARKS R, WILSON-JONES E. Dermatitis herpetiformis: histopathological correlates. Transactions of St John's Hospital Dermatol Soc 1972; 58 (2): 191-198.

KUMAR PJ, SILK DBA, MARKS R, CLARK ML, DAWSON AM. Treatment of dermatitis herpetiformis with corticosteroids and a gluten free diet: A study of jejunal morphology and function. Gut 1973; 14: 280-283.

LANCASTER-SMITH M, KUMAR PJ, CLARK ML, MARKS R, JOHNSON GD. Anti-reticulin antibodies in dermatitis herpetiformis and adult coeliac disease: Their relationship to a gluten free diet and jejunal histology. Br J Dermatol 1975; 92: 37-42.

DAVIES MG, MARKS R, NUKI G. Dermatitis herpetiformis - A skin manifestation of a generalised disturbance in immunity. Quarterly J Med 1978; 47: 221-248.

DAVIES MG, FIFIELD R, MARKS R. Atopic disease and dermatitis herpetiformis. Br J Dermatol 1979; 101: 429-434.



IVE AF, MARKS R. Tinea incerta. Br Med Journal 1968; 3: 149-152.

MARKS R, SAVIN JA. Purpuric dermatosis of female traffic wardens. Transactions of St John's Hospital Dermatol Soc 1968; 54: 183-186.

MARKS R, LIM CC, BORRIE PF. A perniotic syndrome with monocytosis and neutropenia. Br J Dermatol 1969; 81: 327-331.

MARKS R, ELLIS JP. Yellow nails. A report of six cases. Arch Dermatol 1970; 102: 619-623.

MARKS R. Multiple histiocytoma. Transactions of St John's Hospital Dermatol Soc 1971; 57: 197-201.

MARKS R, BLACK MM, WILSON-JONES E. Pityriasis lichenoides: A reappraisal. Br J Dermatol 1972; 86: 215-225.

MARKS R, SAMMAN PD. Isolated nail dystrophy due to lichen planus. Transactions of St. John's Hospital Dermatol Soc 1972; 58: 93-97.

LEPPARD B, MARKS R. Comedone naevus. Transactions of St John's Hospital Dermatol Soc 1973; 59: 45-51.

HOLT PJA, MARKS R, WADDINGTON E. 'Pseudomorphoea': A side effect of subcutaneous corticosteroid injection. Br J Dermatol 1975; 92: 689-691.

DAVIES MG, MARKS R, WADDINGTON E. Simultaneous systemic lupus erythematosus and dermatitis herpetiformis. Arch Dermatol 1976; 112: 1292-1294.

DYKES PJ, MARKS R. Measurement of dermal thickness. A comparison of two in vivo techniques with a conventional histometric method. J Invest Dermatol 1977; 69: 275-278.

DYKES PJ, MARKS R. The atrophogenicity of 1% hydrocortisone plus 10% urea (Alphaderm). Clinical Trials Journal (London) 1977; 14: 139-144.

DYKES PJ, MARKS R, BLAKEMORE CB. Assessment of atrophogenicity of popularly prescribed topical corticosteroids. Br J Clin Pract 1978; 345-348.

TAAFE A, KNIGHT AG, MARKS R. Lichenoid tattoo hypersensitivity. Br Med Journal 1978; 1: 616-618.

DYKES PJ, MARKS R, HARPER PS. A syndrome of ichthyosis, hepatosplenomegaly and cerebellar degeneration. Br J Dermatol 1979; 100: 585-590.

FINLAY AY, MARKS R. Familial Kaposi's sarcoma. Br J Dermatol 1979; 100: 323-326. 80

FINLAY AY, NICHOLLS S, KING CS, MARKS R. The 'dry' non-eczematous skin associated with atopic eczema. Br J Dermatol 1980; 103: 249-256.

MARKS R, FINLAY AY, HOLT PJA. Severe disorders of keratinization. Effects of treatment with Tigason (etretinate). Br J Dermatol 1981; 104: 667-673.

KINGSTON T, MARKS R. An open study of the treatment of chronic plaque psoriasis with benoxaprofen. *Br Med Journal* 1982; 285 (Dec): 1741.

BARTON SP, MARKS R. Further improvements in the assessment of tissue fibrinolysis. In: *Progress in Fibrinolysis 6. Proc: 6th International Congress on Fibrinolysis, Lausanne, July 1982; publ 1983.*

KINGSTON T, GASKELL S, MARKS R. The effects of a novel potent oral retinoid (R013-6298) in the treatment of multiple solar keratoses and squamous cell epithelioma. *European J Cancer & Clin Oncology* 1983; 19 (9): 1201-1205.

KINGSTON T, MARKS R. Irritant reactions to dithranol (anthralin) in normal subjects and psoriatic patients. *Br J Dermatol* 1983; 108: 307-313.

MARKS R. A study of fibrinolytic therapy for cutaneous microvascular disorders and stasis ulceration. In: *Progress in Fibrinolysis 6. Proc: 6th International Congress on Fibrinolysis, Lausanne, July 1982; publ 1983.*

AL-JABERI H, MARKS R. Studies of the clinically uninvolved skin in patients with dermatitis. *Br J Dermatol* 1984; 111: 437-443.

MANNA VK, PEARSE AD, MARKS R. The effect of Povidone-Iodine paint on fungal infection. *J Int Med Res* 1984; 12 (2): 121-124.

HAZELL M, MARKS R. Clinical, histological and cell kinetic discriminants between lamellar ichthyosis and non-bullous ichthyosiform erythroderma. *Arch Dermatol* 1985; 121: 489-493.

PAYNE RA, PAYNE CMER, MARKS R. Stress does not worsen psoriasis? A controlled study of 32 patients. *Clin & Exp Dermatol* 1985; 10: 239-245.

ATHOW-FROST TAM, FREEMAN K, MANN TAN, MARKS R, VOLLUM D, WARIN AP. Clinical evaluation of fenticonazole cream in cutaneous fungal infections: a comparison with miconazole cream. *Current Medical Research and Opinion* 1986; 10 (2): 107-116.

DALZIEL K, GOING S, CARTWRIGHT PH, MARKS R, BEVERIDGE GW, ROWELL NR. Treatment of chronic discoid lupus erythematosus with an oral gold compound (auranofin). *Br J Dermatol* 1986; 115: 211-216.

HUGHES BR, HOLT PJA, MARKS R. Trimethoprim associated fixed drug eruption. *Br J Dermatol* 1987; 116: 241-242.

KUMAR R, MARKS R. Sebaceous gland hyperplasia and senile comedones: a prevalence study in elderly hospitalised patients. *Br J Dermatol* 1987; 117: 231-236.

MARKS R. Treatment of severe disorders of keratinization in children with oral retinoids. *Proceedings: IVth International Congress of Paediatric Dermatology, Tokyo, Japan, June 1986. University of Tokyo Press, 1987: 81-85.*

SHUTTLEWORTH D, MARKS R. Epidermal dysplasia and skeletal deformity in congenital poikiloderma (Rothman-Thompson syndrome). *Br J Dermatol* 1987; 117: 377-384.

HAMAMI I, MARKS R. Abnormalities in clinically normal skin: A possible explanation for the "angry back syndrome". *Clin & Exp Dermatol* 1988; 13: 328-333.

HUGHES BR, MARKS R, PEARSE AD. Clinical response and tissue effects of the treatment with retinoids of patients with solar keratoses and basal cell carcinomas. *J Am Acad Dermatol* 1988; 18 (3): 522-529.

SHUTTLEWORTH D, MARKS R, GRIFFIN PJA, SALAMAN JR. Treatment of cutaneous neoplasia with etretinate in renal transplant recipients. *Quarterly J Med* 1988; 257: 717-724.

SHUTTLEWORTH D, MARKS R. A comparison of the effects of intralesional interferon a-2b and topical 5% 5-fluorouracil cream in the treatment of solar keratoses and Bowen's disease. *J Dermatol treat* 1989; 1: 65-68.

SHUTTLEWORTH D, MARKS R, GRIFFIN PJA, SALAMAN JR. Epidermal dysplasia and cyclosporine treatment in renal transplant patients: a comparison with azathioprine. *Br J Dermatol* 1989; 120: 551-554.

LEVER L, KUMAR P, MARKS R. Topical retinoic acid in the treatment of solar elastotic degeneration. *Br J Dermatol* 1990; 122: 91-98.

MARKS R, LEVER L. Studies on the effects of topical retinoic acid on photoaging. *Br J Dermatol* 1990; 122 Suppl 35: 93-95.

MARKS R. Solar keratoses. *Br J Dermatol* 1990; 122 Suppl 35: 46-60.

BERTH-JONES J, SOWDEN J, ROSS J, MOTLEY R, SALEK M, ALLEN R, GRAHAM-BROWN R, MARKS R, CAMP R. Cyclosporin in severe adult atopic dermatitis — a multicentre, double blind, placebo-control crossover study. *Br J Dermatol* 1991; 125 Suppl 38: 16. (Abstract)

CARMICHAEL AJ, WESTON C, MARKS R, RAMSEY M, STEPHENS M. Cardiac bypass pruritus: a new itch. *Br J Dermatol* 1991; 125 Suppl 38: 13. (Abstract)

FINLAY A, SALEK M, KHAN G, IUSCOMBE D, ALLEN R, BERTH-JONES J, CAMP R, GARDNER T, GRAHAM-BROWN R, MARKS R, MOTLEY R, ROSS J, SOWDEN J. Quality of life improvement in cyclosporin treated atopic dermatitis patients — a double blind crossover study. *Br J Dermatol* 1991; 125 (Suppl 38): 16 (Abstract)

LONG C, MARKS R. Stratum corneum changes in patients with pruritus and xerosis of old age. *Br J Dermatol* 1991; 125 Suppl 8: 15. (Abstract)

SOWDEN JM, BERTH-JONES J, ROSS JS, MOTLEY RJ, MARKS R, FINLAY AY, SALEK MS, GRAHAM-BROWN RAC, ALLEN BR, CAMP RDR. Double-blind, controlled, crossover study of cyclosporin in adults with severe refractory atopic dermatitis. *The Lancet* 1991; 338 July 20: 137-140.

MARKS R, LEVER L (as participants in the Efalith Multicenter Trial Group). A double blind, placebo-controlled, multicenter trial of lithium succinate ointment in the treatment of seborrhoeic dermatitis. *J Am Acad Dermatol* 1992; 26 (3): 452-457.

baby dehydration: the danger of high transepidermal water loss. Br J Dermatol 1993; 129: 86-88.

SALEK MS, FINLAY AY, LUSCOMBE DK, ALLEN BR, BERTH-JONES R, CAMP RDR, GRAHAM-BROWN RAC, KHAN GK, MARKS R, MOTLEY RJ, ROSS JS, SOWDEN JM. Cyclosporin greatly improves the quality of life of adults with severe atopic dermatitis: A randomised, double-blind, placebo controlled trial. Br J Dermatol 1993; 129: 422-430.

MILLS CM, KURWA H, MARKS R. A four week double blind study to compare safety and efficacy between once daily and twice daily administration of Fluticasone propionate 0.05% cream in the treatment of atopic eczema. J Dermatol Treat 1994; (5): 239.

WONG SS, MARKS R. Cutaneous vasculitis in psoriasis. Acta Derm Venereol Stockh 1994; 74: 57-60.

KURWA HA, MARKS R. Protracted cutaneous disorders in association with low CD4+ lymphocyte counts. Br J Dermatol 1995; 133: 625-629.

SAMDANI AJ, DYKES PJ, MARKS R. The proteolytic activity of strains of *T. mentagrophytes* and *T. rubrum* isolated from tinea pedis and tinea unguium infections. J Medical & Veterinary Mycology 1995; 33: 167-170.

DYKES, P J, MARKS, R, HILL, S C MILLS & EASTWOOD R (1996). The kinetics of skin thinning induced by topical fluticasone propionate 0.05% cream in volunteer subjects. Clin & Expl Derm, 1996; 21, 180-184.

CHAWLA M, ALI M, MARKS. Comparison of the steady state of pharmacokinetics of two formulations of cyclosporin in patients with atopic dermatitis. Brit J Dermatol, 1996; 135: (suppl 48) 9-14.

BARKER JNWN, ASHTON RE, MARKS R, HARRIS RI, BERTH-JONES J. Topical maxacalcitol for the treatment of psoriasis vulgaris: a placebo-controlled, double-blind dose-finding study with active comparator. Brit J Dermatol, 1999; 141(2): 274-278.

WILSON J, MARKS R, REED TAG. Eczema vaccinatum treated with immunisation D-thiosemicarbazone. Br J Dermatol 1965; 77: 596.

MARKS R, GOLD SC. Contact dermatitis due to silver. Br J Dermatol 1966; 78: 606.

MARKS R, REED TAG. An unusual case of molluscum contagiosum. Br J Dermatol 1966; 78: 244.

KINGSLEY-SMITH BV, MARKS R, ELEK SD. Viruses and warts. (Letter) Br Med Journal 1967; 1: 301.

MARKS R, GOLD SC. Chilblain lupus erythematosus as a manifestation of lymphoma. Roy Soc Med Proc 1967; 60: 494-496.

MARKS R, GOLD SC. Follicular hyperkeratosis and ocular abnormalities associated with Fairbanks's syndrome. Br J Dermatol 1967; 79: 118-119.

MARKS R, GOLD SC. Erythema annulare-like pustular psoriasis. Br J Dermatol 1968; 80: 128-129.

MARKS R, WILSON-JONES E. Familial lichen nitidus. Transactions of St John's Hospital Dermatol Soc 1970; 56: 165-167.

MARKS R, WILSON-JONES E. Light sensitivity and secondary plane xanthoma. Br J Dermatol 1971; 85: 297-298.

MARKS R, WILSON-JONES E. Purpura in dermatitis herpetiformis. Br J Dermatol 1971; 84: 386-388.

VERBOV J, KUMAR PJ, MARKS R. Finger print changes in dermatitis herpetiformis (Letter). Br Med Journal 1971; 4: 301.

LEPPARD B, MARKS R. Eruptive epidermoid cysts. Transactions of St John's Hospital Dermatol Soc 1972; 58: 62-64.

MARKS R. Oculocutaneous reactions to beta-blocking drugs. Br Med Journal 1975; 4: 648.

MARKS R. The problem of rosacea. Br Med Journal 1976; 1: 94-95.

MARKS R. Topical steroids. The Lancet 1977; (October): 758.

FINLAY AY, MARKS R. An hereditary syndrome of lumpy scalp, odd ears and rudimentary nipples. Br J Dermatol 1978; 99: 423-430.

DYKES PJ, MARKS R. Cultured epidermal cells and burns (Letter). Lancet, 1983; Sept 10: 2750.

KINGSTON T, MARKS R, JONES DH, CUNLIFFE W. Isotretinoin and serum lipids. Lancet, 1983; Feb 26: 471-472.

HAZELL M, MARKS R. Follicular Ichthyosis. Br J Dermatol 1984; 111: 101-109.

MARKS R. Surgery for psoriasis. Lancet 1985; 8450 Vol II: 335

HUGHES BK, HOLI PJA, MARKS R. Nimemoprim associated fixed drug eruption. Br J Dermatol 1987; 12: 108-111.

SHALL L, MARKS R. Concomitant oral indomethacin and dithranol in psoriasis. Br J Dermatol 1987; 116: 739.

BERTH-JONES J, HOLMES J, MARKS R. A case of mycosis fungoides (cutaneous T-cell lymphoma) with cold agglutinins. Br J Dermatol 1988; 118: 854-855.

LONG C, MARKS R. Calcipotriol and betamethasone valerate for psoriasis (Letter). Lancet 1991; Vol 337, April 13: 921-922.

CARMICHAEL AJ, MARKS R, WESTON C, RAMSEY M, STEPHENS M. Pruritus after cardiopulmonary bypass. (Letter). Lancet 1992; Vol 339; March 28: 815-816.

LONG CC, FINLAY AY, MARKS R. Fixed drug eruption to mefenamic acid: a report of three cases. Br J Dermatol 1992; 126: 409-411.

LONG CC, LEVER LR, MARKS R. Unilateral bullous pemphigoid in a hemiplegic patient. Br J Dermatol 1992; 126: 614-616.

ANSTEY A, MARKS R. Colocalization of lichen planus and vitiligo. Br J Dermatol 1993; 128 (1): 103-104.

MARKS R. Dermatology and extension of limited list of drug tariff (letter). Br Med Journal 1993; 306: 1198.

MILLS CM, MARKS R. Acral epidermolytic hyperkeratosis. Br J Dermatol 1993; 128: 342-347.

BOWDEN PE, WATTS CE, MILLS CM, MARKS R. The conserved 2B helical domain of K2e is mutated in a family with acral epidermolytic hyperkeratosis. J Invest Dermatol 1994; 103: 407.

LONG CC, ANSTEY AV, MARKS R. Celtic Ancestry And Other Risk Factors In Non Melanoma Skin Cancer. (Letter). Journal of European Academy of Dermatology & Venereology 1995, 5: 195-207.

WILLIAMSON D, CHAWLA M, MARKS R. GMDP for psoriasis. Lancet 1998, 352: 545.

MARKS R. The role of chalone in epidermal homeostasis. *Br J Dermatol* 1973; 88: 343-346.

HALL-SMITH P; MARKS R. Acne vulgaris. *Br J Hosp Med* 1973; 10: 410-428.

SCHELLANDER R, MARKS R. Tissue interrelations in cutaneous granuloma. *Br J Dermatol* 1973; 89: 537-541.

MARKS R, SHAHRAD P. Ageing and the effects of oestrogen on the skin. In: *The Menopause*, ed. by RJ Beard. MTP Press, Lancaster, 1976: 343.

MARKS R. Psoriasis - Two hopeful signs. *New Scientist* 1976; March: 667.

SHAHRAD P, MARKS R. The effect of oestrogens on the skin. In: *The Management of the Menopause and the Post-menopausal Years*, ed. by Stuart Campbell. MTP Press, Lancaster, 1976: 243-251.

MARKS R. How do corticosteroids work? *General Practitioner* 1976; April 30.

SHAHRAD P, MARKS R. Skin changes at the time of the climacteric. *Clinics in Obstetrics and Gynaecology* 4:1. WB Saunders & Co, 1977.

DAVIES MG, REYNOLDS DJ, MARKS R, DYKES PJ. The epidermis in Refsum's disease (Heredopathia atactica polynuriformis). In: *The Ichthyoses*, ed. by R Marks and PJ Dykes. MTP Press Ltd, Lancaster, 1978: 51-64.

DYKES PJ, MARKS R. Lipid synthesis in ichthyotic conditions. In: *The Ichthyoses*, ed. by R Marks and PJ Dykes. MTP Press Ltd, Lancaster, 1978: 31-36.

MARKS R, DYKES PJ. Growth characteristics of the epidermis in the ichthyotic disorders. In: *The Ichthyoses*, ed. by R Marks and PJ Dykes. MTP Press Ltd, Lancaster; 1978: 37-42.

MARKS R. Tinea incognito. *Int J Dermatol* 1978; 17: 301-302.

NICHOLLS S, KING CS, MARKS R. Morphological and quantitative assessment of physical changes in the horny layer in ichthyosis. In: *The Ichthyoses*, ed. by R Marks and PJ Dykes. MTP Press Ltd, Lancaster; 1978: 95-103.

WADDINGTON E, MARKS R. Follicular ichthyosiform disorder. In: *The Ichthyoses*, ed. by R Marks and PJ Dykes. MTP Press Ltd, Lancaster, 1978: 149-157.

MARKS R. Measurement of epidermal growth activity. In: *Investigative Techniques in Dermatology*, ed. by R Marks. Blackwell's, Oxford, 1979: 127-143.

MARKS R. Rosacea. In: *Textbook of Dermatology*, ed. by A Rook, D Wilkinson and J Ebling. Blackwell's, Oxford; 1979.

MARKS R. Wound healing. In: *Textbook of Dermatology*, ed. by A Rook, D Wilkinson and J Ebling. Blackwell's, Oxford; 1979.

MARKS R. Rosacea. *Weekly Update: Dermatology* 1979; Vol 1, 2: 17

MARKS R. Dermatological Section, British National Formulary. The Pharmaceutical Society of Great Britain: 1980.

DAVIES MG, MARKS R. The dermal drive to epidermopoiesis. In: The Epidermis in Disease, ed. by R Marks and E Christophers. MTP Press Ltd, Lancaster, 1981: 223-230.

HOLT PJA, MARKS R. The modulating influence of endocrine hormones on epidermal growth and differentiation. In: The Epidermis in Disease, ed. by R Marks and E Christophers. MTP Press, Lancaster, 1981: 235-243.

KING CS, NICHOLLS S, MARKS R. Relationship of intracorneal cohesion to rates of desquamation in scaling disorders. In: Bioengineering and the Skin Ed. by R Marks and PA Payne. MTP Press Ltd, Lancaster, 1981: 237-244.

MARKS R. Quantitative aspects of keratinization. In: The Epidermis in Disease, ed. by R Marks and E Christophers. MTP Press, Lancaster, 1981: 79-89.

MARKS R. The healing and non-healing of wounds and ulcers. In: Handbook of Inflammation. 3. Tissue Repair and Regeneration, ed. by L Glynn. Elsevier, Amsterdam, 1981: 309-342.

MARKS R, BAYOUMI A-HM. Studies on transepidermal elimination. In: The Epidermis in Disease, ed. by R Marks and E Christophers. MTP Press, Lancaster, 1981: 127-138.

MARKS R, FINLAY A, NICHOLLS S, BARTON SP. The effects of retinoids on stratum corneum structure and function. In: Retinoids - Advances in Basic Research and Therapy, ed. by CE Orfanos, O Braun-Falco, EM Farber, Ch Grupper, MK Polano, R Schuppli. Springer-Verlag, Berlin; 1981: 77-84.

NICHOLLS S, KING CS, MARKS R. Is there a relationship between corneocyte size and stratum corneum function in vivo? In: Bioengineering and the Skin, ed. by R Marks and PA Payne. MTP Press Ltd, Lancaster; 1981: 227-235.

PAYNE PA, MARKS R, GUIBARRA EJ. International standards for instruments, measurement methods and units for determination of physical properties and function of skin. In: Bioengineering and the Skin, ed. by R Marks and PA Payne. MTP Press Ltd, Lancaster; 1981: 9-11.

PAYNE P, MARKS R, ROBERTS E, GUIBARRA E. Xeroradiographic and ultrasound techniques in the assessment of skin disorder. In: Bioengineering and the Skin, ed. by R Marks and PA Payne. MTP Press Ltd, Lancaster; 1981: 215-225.

MARKS R. Effects of emollients on inflammatory dermatoses. In: Principles of Cosmetics for the Dermatologist, ed by P Frost and SN Horwitz. C V Mosby Co, St Louis, Missouri, 1982: 334-336.

MARKS R. Advances in Dermatology. The Practitioner 1982; 226: 1657-1663.

MARKS R. Methods to evaluate effects of skin surface texture modifiers. In: Principles of Cosmetics for the Dermatologist, ed by P Frost and SN Horwitz. CV Mosby Co, St Louis, Missouri, 1982: 50-58.

MARKS R. The environment and the skin - Treatment and trends. Current Medical Research and Opinion, 1982; Vol 7, Suppl 2: 91-94.



HATZIS J, MARKS R. The relationship between conductance and capacitance measurements and skin surface contour during hydration of the stratum corneum. In: *Stratum Corneum*, ed. by R Marks and G Plewig. Springer-Verlag, Heidelberg, 1983: 257-26

KING CS, BARTON SP, MARKS R, DYKES PJ. Localisation of non ionic detergent soluble stratum corneum in human epidermis. In: *Stratum Corneum*, ed by R Marks, G Plewig. Springer-Verlag, Heidelberg, 1983: 129-134.

KING CS, DYKES PJ, MARKS R. Preparation and immunochemical analysis of non ionic detergent soluble protein from human stratum corneum. In: *Stratum Corneum*, ed. by R Marks and G Plewig. Springer-Verlag, Heidelberg, 1983: 68-72.

MARKS R. Disorders of Keratinization. *Medicine International I*. Med Int Ltd, 1983: 1299-1302.

MARKS R. *Geriatric Dermatology*. Update Postgraduate Centre Series. Update Publications Ltd, London: 1983.

MARKS R. Mechanical properties of the skin. In: *Biochemistry and Physiology of the Skin*, ed. by LA Goldsmith. Oxford University Press 1983; Ch 57: 1237-1254.

MARKS R. Problems in testing for cutaneous toxicity. In: *Animals and Alternatives in Toxicity Testing*, ed. by M Balls, R Riddle and A Worden. Academic Press 1983.

MARKS R. Synthetic Retinoids. In: *Recent Advances in Dermatology 6*, ed. by A Rook and H Maibach. Churchill Livingstone, 1983: 237-263.

MARKS R, BARTON SP. The significance of the size and shape of corneocytes. In: *Stratum Corneum*, ed. by R Marks and G Plewig. Springer-Verlag, Heidelberg, 1983: 161-170.

MARKS R, DYKES PJ. Steroids, squamous epithelium and psoriasis. In: *Psoriasis, Cell Proliferation*, ed. by NA Wright and RS Camplejohn. Churchill Livingstone, Edinburgh, 1983: 327-335.

MARKS R, LAWSON A, NICHOLLS S. Age related changes in stratum corneum structure and function. In: *Stratum Corneum*, ed. by R Marks and G Plewig. Springer-Verlag, Heidelberg, (1983): 175-180.

NICHOLLS S, LAWSON A, BARTON S, MARKS R. Changes in corneocyte size after application of topical corticosteroids and vehicles to normal skin. In: *Stratum Corneum*, ed. by R Marks and G Plewig. Springer-Verlag, Heidelberg; (1983): 242-247.

HAZELL M, MARKS R. Experience with Etretinate in the UK. In: *Retinoid Therapy*, ed. by WJ Cunliffe and AJ Miller. MTP Press Ltd (1984): 25-37.

KINGSTON T, MARKS R. Cutaneous neoplasia and the retinoids. In: *Retinoid Therapy*, ed. by WJ Cunliffe and AJ Miller. MTP Press Ltd (1984): 195-199.

MARKS R. Topical therapy for psoriasis: General principles. *Dermatologic Clinics*, Vol 2, No 3; July (1984): 383-388.

- MARKS R. Acne - social impact and health education. *J Roy Soc Med* (1985); 78 (Suppl 10): 21-24.
- MARKS R. Long term hazards of sun exposure. In: *Dermatol in Practice* (1985), 3 (4): 5-8.
- MARKS R. Device and Rule. (Dowling Oration, 1984). *Clin & Exp Dermatol* (1985); 10 (4): 303-327.
- MARKS R. Skin disorders. In: *Principles and Practice of Geriatric Medicine*, ed. by MSJ Pathy. John Wiley & Sons Ltd, (1985): 873-897.
- MARKS R. Unwanted side effects from topical agents and tests for them. In: *Topics in Topicals*, ed. by R Marks. MTP Press Ltd, Lancaster, (1985): 23-39.
- MARKS R. What do you do with a topical corticosteroid? In: *Topics in Topicals*, ed. by R Marks. MTP Press Ltd, Lancaster, (1985): 47-60.
- THOMAS SE, GLENNY H, BLEEHAN SS, GREAVES MW, PILGRIM J, ROWELL N, GAIRISS G, MARKS R, HAZELL M, KENNEDY CTC, HINDLEY R. Cimetidine and chlorpheniramine in the treatment of chronic urticaria. An interim analysis of the results from a multicentre, randomised, double blind study. In: *The Urticarias*, ed. by RH Champion, MW Greaves, A Kobza Black and RJ Pye. Churchill Livingstone, London, (1985): 224-225.
- DALZIEL K, DYKES PJ, MARKS R. Modelling for the inflammation in acne. In: *Skin Models*, ed. by R Marks and G Plewig. Springer-Verlag, Berlin, Heidelberg, (1986): 80-84.
- DALZIEL K, MARKS R. Further studies with models for the transepidermal elimination process. In: *Skin Models*. ed. by R Marks and G Plewig. Springer-Verlag, Berlin, Heidelberg, (1986): 46-51.
- DYKES PJ, WILLIAMS DL, JENNER LA, MARKS R. Use of in vivo and in vitro test systems as predictors of the cutaneous irritancy of synthetic detergents (syndets). In: *Skin Models*, ed. by R Marks and G Plewig. Springer-Verlag, Berlin, Heidelberg, (1986): 327-332.
- MARKS R. Premalignant disease of the epidermis. (Parkes Weber Lecture 1985). *J Roy Col Phys London* (1986); 20 (2): 116-121.
- MARKS R. The epidermal engine. A commentary on epidermopoiesis, desquamation and their interrelationships. In: *Int J Cosmet Sci* (1986); 8: 135-144.
- MARKS R. Therapeutic uses of retinoids. In: *Advanced Medicine 21. Proceedings of a conference held at Royal College of Physicians, London, February (1985)*, ed. by MJ Brown. Churchill Livingstone, Edinburgh, (1986): 267-281.
- MARKS R. Topical corticosteroids. Efficacy and long term safety. *Proc. Finnish Dermatology Society symposium, Long Term Treatment of Psoriasis, Helsinki, September (1986)*, ed. by M Horsmanheimo, L Kanerva, J Lauharanta, KK Mustakalli, H Pithanen. Pub by Roche Oy, Espoo, Finland; (1987).
- MARKS R. Topical hydrocortisone: how safe and effective? *Pharmacy Dialogue* 11 (3) (26th May 1986).

THOMAS S, PEARSE AD, MARKS R. Transplantation studies on solar keratoses in nude mice. In: *Skin Models*, Ed by R Marks and G Plewig. Springer-Verlag, Berlin, Heidelberg, (1986): 73-79.

DYKES PJ, HILL S, MARKS R. Assessment of the atrophogenicity potential of corticosteroids by ultrasound and by epidermal biopsy under and non occlusive conditions. In: *Topical Corticosteroid Therapy: A Novel Approach to Safer Drugs*, Ed by E Christophers et al. Raven Press Ltd, New York, (1988): 111-118.

MARKS R. Alterations of physical function of the skin with aging. In: *Cutaneous Aging*, ed. by AM Kligman and Yoshio Takase. University of Tokyo Press, (1988): 33-45.

MARKS R. Quantification of desquamation and stratum corneum cohesivity. In: *Cutaneous Investigation in Health and Disease*, ed. by J-L Leveque. Marcel Dekker, New York, (1988); Ch 2: 33-47.

MARKS R. Skin under the microscope: the organization, kinetics and dimensions of skin. In: *The Physical Nature of the Skin*, ed by R Marks, SP Barton, C Edwards. MTP Press Ltd, Lancaster, (1988): 3-12.

MARKS R. Survey of methods for assessment of corticosteroid atrophogenicity. In: *Topical Corticosteroid Therapy: A Novel Approach to Safer Drug Therapy*, ed. by E Christophers et al. Raven Press Ltd, New York, (1988): 105-110.

BARTON SP, MARKS R. The effects of a compound with novel sebum secretion suppressive activity (GBR 14095) on sebaceous gland morphology. In: *Acne and Related Disorders*, ed. by R Marks and G Plewig. Martin Dunitz, London, (1989): 281-284.

DALZIEL K, MARKS R. Physical properties of the stratum corneum in acne patients. In: *Acne and Related Disorders*, ed by R Marks and G Plewig. Martin Dunitz, London, (1989): 107-110.

IRVINE C, KUMAR P, MARKS R. Isotretinoin in the treatment of rosacea and rhinophyma. In: *Acne and Related Disorders*, ed by R Marks and G Plewig. Martin Dunitz, London, (1989): 301-306.

IRVINE C, MARKS R. Prognosis and prognostic factors in rosacea. In: *Acne and Related Disorders*, Ed by R Marks and G Plewig. Martin Dunitz, London, (1989): 331-334.

LEVER I, DALZIEL K, MARKS R. A single blind comparative study of doxycycline 50 mg daily versus oxytetracycline 500 mg twice daily in the management of inflammatory acne vulgaris. In: *Acne and Related Disorders*, ed. by R Marks and G Plewig. Martin Dunitz, London, (1989): 271-274.

LEVER I, MARKS R. Diagnostic discriminants between acne and rosacea. In: *Acne and Related Disorders*, Ed by R Marks and G Plewig. Martin Dunitz, London, (1989): 317-320.

MARKS R. Epidermal aging. In: *Aging and the Skin*, Ed by AK Balin and AM Kligman. Raven Press Ltd, New York, (1989); Ch 13: 277-283.

MARKS R. Rosacea: Hopeless hypotheses, marvellous myths and dermal disorganisation. In: *Acne and Related Disorders*, ed. by R Marks and G Plewig. Martin Dunitz, London, (1989): 293-300.

MARKS R. Tissue and fluids: Sampling techniques. In: Handbook of Experimental Pharmacology, Vol 87/II. Skin Pharmacol II, ed. by MW Greaves and S Schuster. Springer-Verlag, Berlin, (1989): Ch 2: 13-17.

MOTLEY RJ, BARTON SP, MARKS R. The significance of telangiectasia in rosacea. In: Acne and Related Disorders, ed. by R Marks and G Plewig. Martin Dunitz, London, (1989): 339-344.

LEVER L, MARKS R. Current views on the aetiology, pathogenesis and treatment of acne vulgaris. Drugs (New Zealand) (1990), 39 (5): 681-692.

MARKS R. Red weals under the sun (Editorial). Lancet, Sept (1990); Vol 336: 663.

MARKS R. Management of acne. Pulse, March (1990).

MARKS R. Winter's skin (Editorial). Lancet; Jan (1990)

MARKS R. Corticosteroids in Eczema - Old and New. (Supplement Editor) J Derm Treat (1990), 1(suppl 3)

MARKS R. An overview of present-day treatment of eczema. J Derm Treat (1990), 1(suppl 3): S1-S4.

GRIFFITHS WAD, LEIGH IM, MARKS R. Disorders of keratinization. In: Rook/Wilkinson/Ebling, Textbook Dermatol, 5th edition, RH Champion, JL Burton, FJG Ebling (eds), Blackwell, Oxford, (1991), Vol 2, Ch 42: 1325-90.

LEVER L, MARKS R. Topical retinoid treatment for skin cancer: A review. Skin Pharmacol (1991); 4: 125-131

LEVER LR, MARKS R, NOORI NM, SHUTTLEWORTH D, PEARSE AD. Effects of retinoid treatment on epidermal proliferation. In: Retinoids, 10 Years On. Saurat J-H (Ed), Karger, Basel, (1991): 177-181.

MARKS R. Mechanical properties of the skin. In: Physiology, Biochemistry, and Molecular Biology of the Skin, edn. 2, LA Goldsmith (Ed), Oxford University Press, New York, (1991); Ch 21: 602-621.

MARKS R. Practical aspects of retinoid treatment for neoplastic disease of the skin. In: Retinoids in Cutaneous Malignancy, R Marks (Ed), Blackwell, Oxford, (1991); Ch 5: 74-86.

MARKS R. Rosacea, flushing and perioral dermatitis. In: Rook/Wilkinson/Ebling, Textbook Dermatol, 5th edition, RH Champion, JL Burton, FJG Ebling (eds), Blackwell, Oxford, (1991); Vol 3, Ch 42: 1851-63.

MARKS R. Skin disorders. In: Principles and Practice of Geriatric Medicine, 2nd edn. Ed. by M.S.J. Pathy. John Wiley & Sons Ltd, (1991); Ch 43: 1011-1036.

MARKS R. Treatment of non-melanoma skin cancer and solar keratoses with oral retinoids. In: Retinoids in Cutaneous Malignancy, R Marks (Ed), Blackwell, Oxford (1991); Ch 7: 102-117.

EDWARDS MJ, DYKES PJ, MERRETT VR, MARKS R. The skin equivalent as a genotoxicity model. In: *The Environmental Threat to the Skin*. R. Marks, G. Plewig (Eds), Martin Dunitz, London, (1992): 233-238.

GRAVES C, EDWARDS C, MARKS R. Experimental modelling of percussive mechanical trauma to the skin and its monitoring in the workplace. In: *The Environmental Threat to the Skin*. R. Marks, G. Plewig (Eds), Martin Dunitz, London, (1992): 339-348.

LEVER LR, MARKS R. Pigmented facial macules: a sign of photoaging? In: *The Environmental Threat to the Skin*. R. Marks, G. Plewig (Eds), Martin Dunitz, London, (1992): 91-96.

MARKS R. Adverse side effects from the use of topical corticosteroids. In: *Topical Corticosteroids* HJ Maibach, Ch Surber (Eds), Karger, Basel, (1992) 170-183.

MARKS R. Dermatologic problems in the elderly. In: *Current Challenges in Dermatology*, Summer (1992). HP Publishing Co, New York.

MARKS R. Dermatology and the environment. *J Eur Acad Dermatol & Venereol* (1992); 1: 9-14.

MARKS R. Eczema in the elderly. In: *Eczema*, R. Marks (Ed), Martin Dunitz, London, (1992); Ch 10: 175-192.

MARKS R. Influence of age on stratum corneum cohesion, desquamation and epidermal turnover. In: *Properties and Functional Changes of Aging Skin*, ed. by JL Leveque, P Agache. Marcel Dekker, New York, (1992): Ch 15.

MARKS R. The pathology and pathogenesis of the eczematous reaction. In: *Eczema*, R. Marks (Ed), Martin Dunitz, London, (1992); Ch 3: 21-36.

MOTLEY RJ, MARKS R. Differences between basal cell carcinoma arising in light-exposed and non-light-exposed skin. In: *The Environmental Threat to the Skin*. R. Marks, G. Plewig (Eds), Martin Dunitz, London, (1992): 97-98.

SHALOM SD, MARKS R, HARVEY I. Sun exposure and solar damage in a Welsh population. In: *The Environmental Threat to the Skin*. R. Marks, G. Plewig (Eds), Martin Dunitz, London, (1992): 23-26.

TAKAHASHI S, PEARSE AD, MARKS R. Photodysplasia: significance and measurement. In: *The Environmental Threat to the Skin*. R. Marks, G. Plewig (Eds), Martin Dunitz, London, (1992): 27-32.

MARKS R. Clinical trials — methods of assessment. In: *Skin Therapy*, Martin Dunitz, London, (1993): 89-96.

MARKS R. New indications for topical retinoids. In: *Skin Therapy*, Martin Dunitz, London, (1993): 62-68.

MARKS R, EDWARDS C. Mechanical properties of the dermis: an engineer's nightmare. Chapter for: *Connective Tissue Diseases of the Skin*, ed. by CM Lapiere, T Krieg, New York, Marcel Dekker, (1993); Ch 8: 103-116.

- MOTLEY RJ, MARKS R. The nature of acne. *Rev Contemp Pharmacother* (1993); 4: 425-432.
- MARKS R. Measurement of drug effects in psoriasis. *Retinoids Today & Tomorrow*, (1994), 34: 11-13.
- MARKS R. Overview of clinical experience with methylprednisolone aceponate. *J Eur Acad Dermatol & Venereol*, (1994); 3 Suppl 1: S1 - S5.
- EDWARDS C, MARKS R. Methods to determine desquamation rate. *Handbook of non-invasive methods and the skin*, (1995); Chapter 7.1: 143-148
- MARKS R, MOTLEY R. Skin Cancer, Recognition and Treatment. In: *Drugs* (1995); 50 (1): 48-61. Pubs Adis International Ltd.
- MARKS R. The opportuniometer. *Skin Res & Technol*, (1995); 1: Page 3.
- LONG CC, MARKS R. The increased risk of skin cancer: Another Celtic myth? *J Am Acad Dermatol* (1995), 33: 658-666.
- MARKS R. Topical vitamin D<sub>3</sub> in the management of psoriasis. (Supplement Editor), *J Derm Treat* (1996), 7 (supple 1).
- MARKS R. Measurement of the response to treatment in psoriasis. *J Derm Treat* (1996), 7 (suppl 1), S7-S10.
- MARKS R, BOWDEN P E. Die ichthyosen: Neue informationen und klassifikation. *Dermatologie* (1996) 38: 188-191.
- MARKS R. A deeper look into the superficial layers of the skin. *Retinoids Today & Tomorrow* (1996) 43: 13-16.
- MARKS R. How good are sunscreens? *Retinoids & Lipid Soluble Vitamins In Clinical Practice* (1997) 13 : (4) 133-136.
- MARKS R. Objective measures of stratum corneum function. *Retinoids & Lipid Soluble Vitamins In Clinical Practice*, (1998) 14 (3); 85-87.
- MARKS R. The pathology and pathogenesis of lichen planus. *Retinoids & Lipid Soluble Vitamins In Clinical Practice*, (1998) 14 (4); 123-127.
- MARKS R. Rusting of the epidermal engine. *Retinoids & Lipid Soluble Vitamins In Clinical Practice* (1999) 15 : (3), 86-88.
- MARKS R. The pathology and pathogenesis of lichen planus. *Retinoids & Lipid Soluble Vitamins In Clinical Practice* (1999) 14 (4), 123-127.
- MARKS R. Skin surface contour: the ups and downs of skin biology. *Retinoids & Lipid Soluble Vitamins In Clinical Practice* (2000) 16 (1), 17-20.

MARKS R. Rubbish disposal: the mysteries of transepidermal elimination. Retinoids & Lipid Soluble Vitamins In Clinical Practice, (2000), 16 (3); 87-89.

MARKS R. COLIPA General Assembly Conference Report. Retinoids & Lipid Soluble Vitamins In Clinical Practice, (2000), 16 (3); 80-81.

MARKS R. How bad is my acne? Retinoids & Lipid Soluble Vitamins In Clinical Practice, (2000), 16 (2), 38-40.

MARKS R Cosmeceutical Chaos - BAD Newsletter, Sumner (2000), 8-9

MARKS R Who looks after old skin? Retinoids & Lipid Soluble Vitamins In Clinical Practice, (2001), 17 (2), 33.

MARKS R Might a mite be mischievously malevolent? - Retinoids, May (2001) 17 (2); 48-50

MARKS R Clinics in Dermatology Beyond the Year 2000 Pharmaphillia and Pharmaphobia: 19 Number 1 January / February (2001).

MARKS R, MMU CHOWDHURY: Oral propylthiouracil for the treatment of resistant plaque psoriasis: Journal of Dermatological Treatment (2001) 12 81-85.

MARKS R The way of all flesh the 21<sup>st</sup> Century Journal of Cosmetic Dermatology 1 January (2002) (1,) 2-3

MARKS R Barnacles Grow On A Rusting Hulk Retinoids (2003 Vol 19 Number 1.

MARKS R, TURNER RJ, PATEL GK: Cutaneous lichen planus and squamous cell carcinoma JEADV (2003) 17 97-116

MARKS R, Old Time Skin: British Association of Dermatology Spring (2003) Newsletter 6 Number 1.

MARKS R, et al: A Study of differences in surface roughness between sun-exposed and unexposed skin with age: Photodermatology (2003) 19 169-174.

MARKS R Et al: EEMCO Guidance for the Efficacy Assessments of Antiperspirants & Deodorants (2003) Skin Pharmacol Appl Skin Physiol 16 324-342.

MARKS R Hearty Welcome From West Palm Beach: Skin & Aging Vol 11 No 9 (2003)

- 1976 Mechanisms of Topical Corticosteroid Activity. (Co-editor and Contributor).
- 1977 Dermatology. Postgraduate Tutorials. (Co-editor and contributor). Heinemann Medical Books, London.
- 1977 Measurement of the Physical Properties of the Skin. (Co-editor and contributor). Williams Wilkinson. Supplement to the Journal of Investigative Dermatology, special issue 69 (3).
- 1978 The Ichthyoses. (Co-editor and contributor). MTP Press Ltd, Lancaster.
- 1979 Investigative Techniques in Dermatology. (Editor and contributor). Blackwell's, Oxford.
- 1981 Bioengineering and the Skin. (Co-editor and contributor). MTP Press Ltd, Lancaster.
- 1981 The Epidermis in Disease. (Co-editor and contributor). MTP Press Ltd., Lancaster.
- 1981 Psoriasis. Martin Dunitz, London.
- 1983 Stratum Corneum. (Co-editor and contributor). Springer-Verlag, Heidelberg.
- 1983 Practical Problems in Dermatology. Martin Dunitz, London.
- 1984 Acne. Martin Dunitz, London.
- 1985 Topics in Topicals. (Editor and contributor). MTP Press Ltd., Lancaster.
- 1986 Skin Models. (Co-editor and contributor). Springer-Verlag, Berlin, Heidelberg.
- 1986 Atlas of Skin Pathology. (Co-author, with A Knight and P Laidler). MTP Press, Lancaster.
- 1986 English Translation: An Atlas of Paediatric Dermatology, CL Meneghini and E Bonifazi. (Editor and Co-translator, with Hilary Marks). Martin Dunitz, London.
- 1987 Skin Disease in Old Age. Martin Dunitz, London.
- 1988 The Physical Nature of the Skin. (Co-editor and contributor). MTP Press Ltd., Lancaster.
- 1988 The Sun and Your Skin. Macdonald Optima, London.
- 1989 English Translation: Pruritus in Clinical Medicine, S Gatti and F Serri, 1984. (Editor and Co-translator, with Hilary Marks). Martin Dunitz, London.
- 1989 Acne and Related Disorders. (Co-editor and contributor). Martin Dunitz, London.
- 1991 Retinoids in Cutaneous Malignancy. (Editor and contributor). Blackwell Scientific Publications, Oxford.
- 1992 Eczema. (Editor and contributor). Martin Dunitz, London.



- 1992 Sun Damaged Skin. Martin Dunitz, London.
- 1993 Clinical Signs and Procedures in Dermatology (Co-author, with P J Dykes and R M Motley. Martin Dunitz, London.
- 1993 Roxburgh's Common Skin Diseases, 16th edn. Chapman & Hall Medical, London.
- 1994 Skin Therapy. (Co-editor and contributor). Martin Dunitz, London.
- 1994 Coping with Psoriasis. Sheldon Press.
- 1995 Retinoids. A Clinician's Guide. Edited by Nicholas Lowe and Ronald Marks. Martin Dunitz, London.
- 1996 Practical Problems in Dermatology (Second Edition). Martin Dunitz, London.
- 1996 Emollients. Martin Dunitz, London.
- 1998 Retinoids: A Clinician's Guide Second Edition. Edited by Nicholas Lowe and Ronald Marks. Martin Dunitz, London.
- 1998 Skin Disease in Old Age Second Edition. (Martin Dunitz, London).
- 1999 Photodamaged Skin: Clinical Signs, Causes and Management. (Co-author with Jean-Paul Ortonne). Martin Dunitz, London.
- On Editorial board of several journals including  
Clinical Dermatology  
Drugs  
Retinoids Today and Tomorrow  
Journal of Dermatological Treatment
- 2001 Sophisticated Emollients-2. Aufl.- Stuttgart: Thieme Germany.
- 2002 Dermatologic Therapy in current practice: (Co-editor and contributor) James J Leyden Martin Dunitz, London.
- 2002 The Essential Stratum Corneum: (Co-editor and contributor) Jean-Luc Leveque Martin Dunitz, London.
- 2003 Dermatologic Therapy in Current Practice: R Marks & James J Leyden Martin Dunitz, London.
- 2003 Roxburgh's 2<sup>nd</sup> Eds Common Skin Diseases: Marks R. Arnold, London.